Bill Barrett Corporation

November 12, 2007

Utah Division of Oil, Gas and Mining
P.O. Box 145801
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

14-7-46 BTR
Tribal Surface/Tribal Minerals
SESW, Section 7-T4S-R6W
Duchesne County, Utah

Diana Mason, Permitting - Petroleum Technician:

Enclosed please find a copy of Bill Barrett Corporation's (BBC) application for permit to drill the above captioned well. Montgomery Archeological Consultants conducted a Class III archeological survey for this location on October 23, 2007, stating "no historic properties affected". The results of this survey are enclosed. EIS Environmental and Engineering Consulting conducted a "Threatened, Endangered, Candidate, and Sensitive Species Habitat Delineation Survey" on October 3, 2007. No endangered species were identified in this survey. The results of this survey are enclosed.

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sincerely,

Reed Haddock
Permit Analyst

Enclosures

RECEIVED
NOV 14 2007
DIV. OF OIL, GAS & MINING

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allotee or Tribe Name
ute Indian Tribe

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
N/A

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
14-7-46 BTR

2. Name of Operator Bill Barrett Corporation

9. API Well No.
Pending 43013-33806

3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. *(include area code)*
(303) 312-8546

10. Field and Pool, or Exploratory
Altamont 55

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface SESW, 920' FSL x 2130' FWL, Sec. 7, T4S, R6W 40.142831
At proposed prod. zone Same 533534X 4443474Y -110.606457

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 7, T4S, R6W U.S.B.&M.

14. Distance in miles and direction from nearest town or post office*
Approximately 14.75 miles southeast of Duchesne, UT

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any)
920' SHL

16. No. of acres in lease
N/A

17. Spacing Unit dedicated to this well
640

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
1,500' completed well

19. Proposed Depth
8,074'

20. BLM/BIA Bond No. on file
Nationwide Bond # WYB000040

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5933' Ungraded Ground

22. Approximate date work will start*
03/01/2008

23. Estimated duration
45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Reed Haddock
Name *(Printed/Typed)* Reed Haddock
Date 11/12/2007

Title
Permit Analyst

Approved by *(Signature)*
Name *(Printed/Typed)* BRADLEY G. HILL
Date 11-19-07

Title
Office ENVIRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

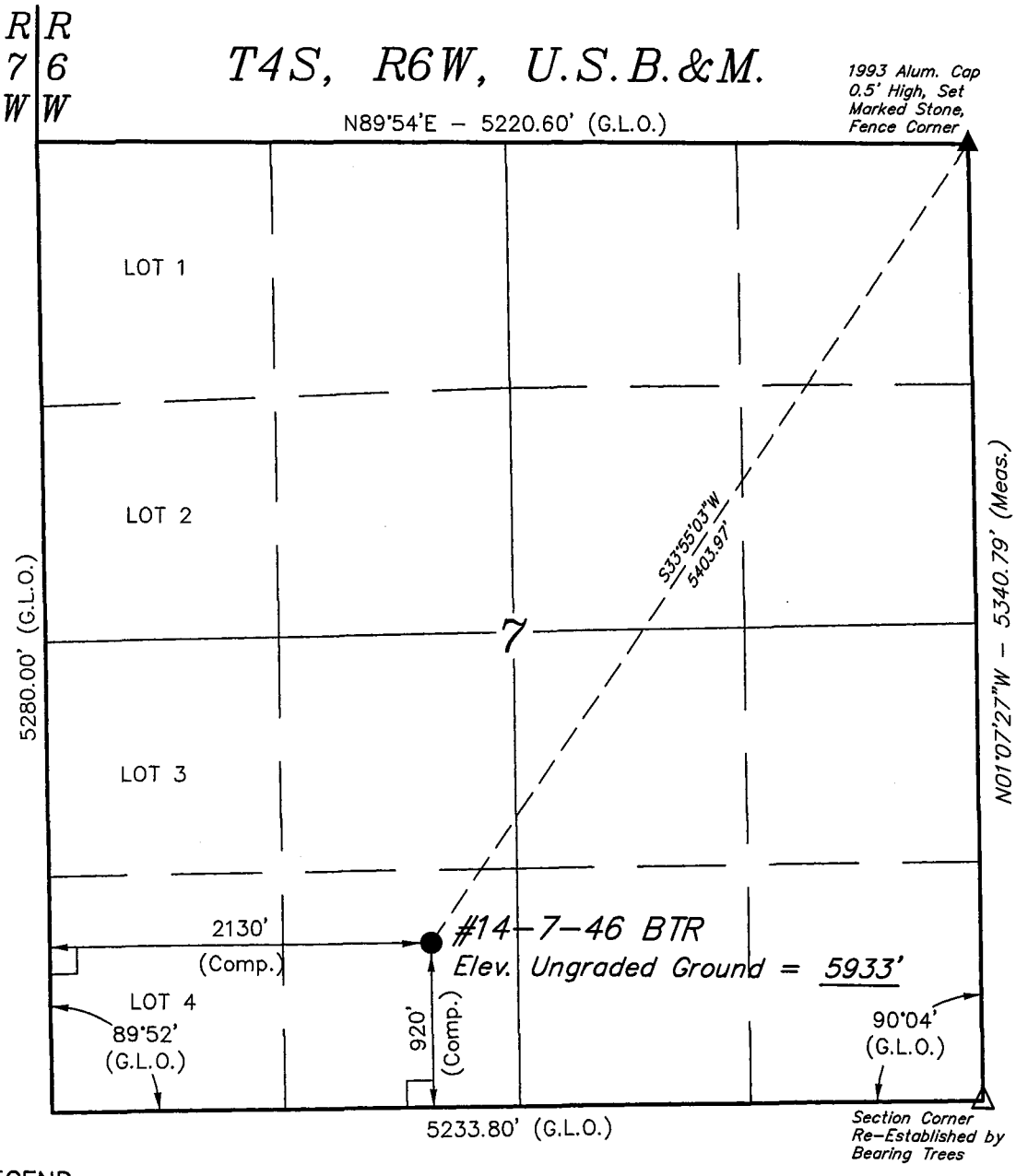
*(Instructions on page 2)

Federal Approval of this Action is Necessary

RECEIVED
NOV 13 2007
DIV. OF OIL, GAS & MINING

BILL BARRETT CORPORATION

Well location, #14-7-46 BTR, located as shown in the SE 1/4 SW 1/4 of Section 7, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

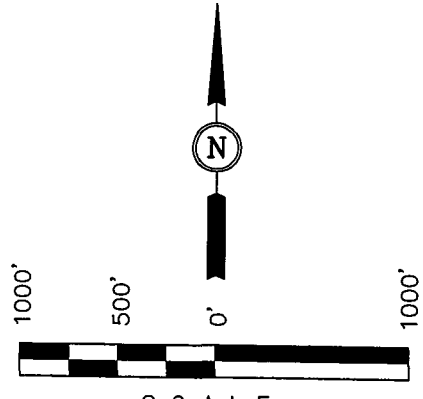


BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

(NAD 83)
LATITUDE = 40°08'32.29" (40.142303)
LONGITUDE = 110°36'25.64" (110.607122)
(NAD 27)
LATITUDE = 40°08'32.45" (40.142347)
LONGITUDE = 110°36'23.08" (110.606411)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-01-07	DATE DRAWN: 10-09-07
PARTY D.R. M.M. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

Bill Barrett Corporation
Drilling Program
14-7-46 BTR
Duchesne County, Utah

HAZARDOUS MATERIAL DECLARATION

WELL NO. # 14-7-46 BTR - LEASE NO. BIA-EDA-2OG0005608

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

Bill Barrett Corporation
Drilling Program
14-7-46 BTR
Duchesne County, Utah

DRILLING PLAN

BILL BARRETT CORPORATION
14-7-46 BTR
SHL: SESW, 920' FSL & 2130' FWL, Section 7-T4S-R6W
BHL: SESW, 920' FSL & 2130' FWL, Section 7-T4S-R6W
Surface Owner: Ute Indian Tribe
Duchesne County, Utah

BBC intends to drill this well according to the "Planned" program outlined below. Should hole conditions dictate (either by lost circulation and/or increased pore pressure) BBC requests approval with this permit to implement the "Contingency" program also outlined below. It is expected that this decision will be made once the Wasatch formation has been penetrated. BBC will inform the authorized officer upon implementing the "contingency" plan.

1 - 3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth – MD
Duchesne River/Uinta	Surface
Green River	2,887'
Douglas Creek	3,762'
Black Shale	4,587'
Castle Peak	4,888'
Wasatch	5,466' *
North Horn	7,450' *
TD	8,074'

*PROSPECTIVE PAY
The Wasatch and the North Horn are primary objectives for oil/gas.

4. Casing Program

A) Planned Program

Hole Size	SETTING DEPTH (FROM)	(TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
14 3/4"	surface	1,000'	10 ¾"	45.5#	J or K 55	ST&C	New
9 7/8"	surface	TD	5 ½"	17#	P-110	LT&C	New

B) Contingency Program

Hole Size	SETTING DEPTH (FROM)	(TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
14 3/4"	Surface	1,000'	10 ¾"	45.5#	J or K 55	ST&C	New
9 7/8"	surface	5,566'	7 5/8"	26.4#	P-110	LT&C	New
6 ¾"	5,566'	TD	5 ½"	17#	P-110	Flush	New

5. **Cementing Program**

A) Planned Program

10 ¾" Surface Casing	Approximately 280 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft^3/sx) circulated to surface with 100% excess. Approximately 430 sx Halliburton Premium Plus cement with additives mixed at 15.8 ppg (yield = 1.15 ft^3/sx).
5 ½" Production Casing	Approximately 330 sx Halliburton Hi-Fill Modified cement with additives mixed at 11.0 ppg (yield = 3.84 ft^3/sx). Approximately 1090 sx Halliburton 50/50 Poz. Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft^3/sx). Top of cement to be determined by log and sample evaluation; estimated TOC 1,000'.

B) Contingency Program

10 ¾" Surface Casing	Approximately 280 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft^3/sx) circulated to surface with 100% excess. Approximately 430 sx Halliburton Premium Plus cement with additives mixed at 15.8 ppg (yield = 1.15 ft^3/sx).
7 5/8" Intermediate Casing	Approximately 190 sx Halliburton Hi-Fill Modified cement with additives mixed at 11.0 ppg (yield = 3.84 ft^3/sx). Approximately 240 sx Halliburton 50/50 Poz. Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft^3/sx). Top of cement to be determined by log and sample evaluation; estimated TOC 1,000'.
5 ½" Production Liner	Approximately 230 sx Halliburton 50/50 Poz Premium cement with additives mixed at 14.1 ppg (yield = 1.24 ft^3/sx). Top of cement to be determined by log and sample evaluation; estimated TOC 5,066'.

6. **Mud Program**

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
40' – 1,000'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,000' – TD	8.6 – 10.6	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. **BOP and Pressure Containment Data**

Depth Intervals	BOP Equipment
0 – 1,000'	No pressure control required
1,000' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary and choke manifold to be rated @ 3000 psi;	

- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.

8. Auxiliary Equipment

a) Upper kelly cock; lower Kelly cock will be installed while drilling
b) Inside BOP or stab-in valve (available on rig floor)
c) Safety valve(s) and subs to fit all string connections in use
d) Mud monitoring will be visually observed

9. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4450 psi* and maximum anticipated surface pressure equals approximately 2674 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)
**Maximum surface pressure = A – (0.22 x TD)

11. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

12. Drilling Schedule

Location Construction:	Approximately March 1, 2008
Spud:	Approximately March 21, 2008
Duration:	30 days drilling time
	45 days completion time

PLANNED PROGRAM

BBC intends to drill this well according to the "Planned" program outlined below. Should hole conditions dictate (either by lost circulation and/or increased pore pressure) BBC requests approval with this permit to implement the "Contingency" program also outlined below. It is expected that this decision will be made once the Wasatch formation has been penetrated. BBC will inform the authorized officer upon implementing the "alternate" plan.

14-7-46 BTR Proposed Cementing Program

Job Recommendation			Surface Casing
Lead Cement - (500' - 0')			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
1.0% Calcium Chloride	Slurry Yield:	1.85	ft^3/sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	**280**	**sks**
Tail Cement - (TD - 500')			
Premium Cement	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft^3/sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	4.97	Gal/sk
	Top of Fluid:	500'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	**430**	**sks**

Job Recommendation			Production Casing
Lead Cement - (4087' - 1000')			
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal
16.0% Bentonite	Slurry Yield:	3.84	ft^3/sk
0.75% Econolite	Total Mixing Fluid:	23.38	Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid:	1,000'	
3.0 lbm/sk Granulite TR	Calculated Fill:	3,087'	
3.0% Salt	Volume:	221.87	bbl
0.8% HR-7	**Proposed Sacks:**	**330**	**sks**
Tail Cement - (8074' - 4087')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
0.75% Halad ®-322	Slurry Yield:	1.49	ft^3/sk
0.2% FWCA	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite	Top of Fluid:	4,087'	
0.125 lbm/sk Poly-E-Flake	Calculated Fill:	3,987'	
1.0 lbm/sk Granulite TR 1/4	Volume:	286.58	bbl
0.2% HR-5	**Proposed Sacks:**	**1090**	**sks**

Bill Barrett Corporation E-bill
1099 18th Street - Suite 2300
Denver, Colorado 80202

BTR General

Duchesne County, Utah
United States of America
T:3S R:6W

Surface and Production Casing Cementing Proposal

Prepared for: Dominic Spencer
April 26, 2007
Version: 1

Submitted by:
Pat Kundert
Halliburton Energy Services
410 Seventeenth St
Denver, Colorado 80202
+303.886.0839

HALLIBURTON

Fluid Instructions

Fluid 1: Water Based Spacer

Fresh Water with Gel

25 lbm/bbl Poly-E-Flake (Lost Circulation Additive)

10 lbm/bbl Bentonite (Viscosifier)

Fluid Density:	8.50 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Lead Cement – (500 – 0')

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	12.70 lbm/gal
Slurry Yield:	1.85 ft^3/sk
Total Mixing Fluid:	9.90 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	500 ft
Volume:	86.70 bbl
Calculated Sacks:	263.13 sks
Proposed Sacks:	**270 sks**

Fluid 3: Tail Cement – (TD - 500')

Premium Cement

94 lbm/sk Premium Cement (Cement)

2 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	15.80 lbm/gal
Slurry Yield:	1.15 ft^3/sk
Total Mixing Fluid:	4.97 Gal/sk
Top of Fluid:	500 ft
Calculated Fill:	500 ft
Volume:	90.93 bbl
Calculated Sacks:	443.95 sks
Proposed Sacks:	450 sks

Fluid 4: Top Out Cement – If Needed

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)

2 % Calcium Chloride (Accelerator)

Fluid Weight	15.60 lbm/gal
Slurry Yield:	1.18 ft^3/sk
Total Mixing Fluid:	5.20 Gal/sk
Proposed Sacks:	200 sks

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 3: Water Spacer
Fresh Water

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Lead Cement – (6835 – 1000')
Halliburton Hi-Fill Modified
94 lbm/sk Premium Cement (Cement)
16 % Bentonite (Light Weight Additive)
0.75 % Econolite (Light Weight Additive)
5 lbm/sk Gilsonite (Lost Circulation Additive)
0.25 lbm/sk Flocele (Lost Circulation Additive)
3 % Salt (Salt)
0.8 % HR-7 (Retarder)
3 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight	11 lbm/gal
Slurry Yield:	3.84 ft^3/sk
Total Mixing Fluid:	23.38 Gal/sk
Top of Fluid:	1000 ft
Calculated Fill:	5835 ft
Volume:	419.41 bbl
Calculated Sacks:	612.59 sks
Proposed Sacks:	**620 sks**

Fluid 5: Primary Cement – (TD – 6835')
50/50 Poz Premium
2 % Bentonite (Light Weight Additive)
3 % KCL (Clay Control)
0.75 % Halad(R)-322 (Low Fluid Loss Control)
0.2 % FWCA (Free Water Control)
3 lbm/sk Silicalite Compacted (Light Weight Additive)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)
1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)
0.2 % HR-5 (Retarder)

Fluid Weight	13.40 lbm/gal
Slurry Yield:	1.49 ft^3/sk
Total Mixing Fluid:	7.06 Gal/sk
Top of Fluid:	6835 ft
Calculated Fill:	4295 ft
Volume:	309.74 bbl
Calculated Sacks:	1167.15 sks
Proposed Sacks:	1170 sks

Well name: **BTR General_Preferred**
Operator: **Bill Barrett Corporation**
String type: Surface
Location: T3S-R6W

Design parameters:
Collapse
Mud weight: 8.40 ppg

Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,564 psi
Internal gradient: 0.22 psi/ft
Calculated BHP 3,784 psi

Annular backup: 8.34 ppg

Minimum design factors:
Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.80 (J)
Premium: 1.80 (J)
Body yield: 1.80 (B)

Tension is based on buoyed weight.
Neutral point: 875 ft

Environment:
H2S considered? No
Surface temperature: 70.00 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.22 °F/100ft
Minimum section length: 1,000 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 11,130 ft
Next mud weight: 10.400 ppg
Next setting BHP: 6,013 psi
Fracture mud wt: 14.000 ppg
Fracture depth: 7,500 ft
Injection pressure 5,455 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	10.75	45.50	J-55	ST&C	1000	1000	9.825	90.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	436	2090	4.790	3564	3580	1.00	40	493	12.38 J

Prepared by: Dominic Spencer / Bill Barrett
Phone: (303) 312-8164
FAX: (303) 312-8195
Date: April 18,2007
Denver, Colorado

Remarks:
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BTR General_Preferred

Well name:
Operator: **Bill Barrett Corporation**
String type: Production
Location: T3S-R6W

Design parameters:

Collapse
Mud weight: 10.40 ppg

Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,564 psi
Internal gradient: 0.22 psi/ft
Calculated BHP 6,013 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.80 (J)
Premium: 1.80 (J)
Body yield: 1.80 (B)

Tension is based on buoyed weight.
Neutral point: 9,375 ft

Environment:

H2S considered? No
Surface temperature: 70.00 °F
Bottom hole temperature: 206 °F
Temperature gradient: 1.22 °F/100ft
Minimum section length: 1,500 ft

Cement top: 1,000 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11130	5.5	17.00	P-110	LT&C	11130	11130	4.767	383.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6013	7480	1.244	6013	10640	1.77	159	445	2.79 J

Prepared by: Dominic Spencer / Bill Barrett
Phone: (303) 312-8164
FAX: (303) 312-8195
Date: April 18,2007
Denver, Colorado

Remarks:
Collapse is based on a vertical depth of 11130 ft, a mud weight of 10.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

CONTINGENCY PROGRAM

14-7-46 BTR Alternate Cementing Program

Job Recommendation			Surface Casing
Lead Cement - (500' - 0')			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
1.0% Calcium Chloride	Slurry Yield:	1.85	ft^3/sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	**280**	**sks**
Tail Cement - (TD - 500')			
Premium Cement	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft^3/sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	4.97	Gal/sk
	Top of Fluid:	500'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	**430**	**sks**

Job Recommendation			Intermediate Casing
Lead Cement - (4087' - 1000')			
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal
16.0% Bentonite	Slurry Yield:	3.84	ft^3/sk
0.75% Econolite	Total Mixing Fluid:	23.38	Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid:	1,000'	
3.0 lbm/sk Granulite TR	Calculated Fill:	3,087'	
3.0% Salt	Volume:	129.87	bbl
0.8% HR-7	**Proposed Sacks:**	**190**	**sks**
Tail Cement - (5566' - 4087')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
0.75% Halad ®-322	Slurry Yield:	1.49	ft^3/sk
0.2% FWCA	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite	Top of Fluid:	4,087'	
0.125 lbm/sk Poly-E-Flake	Calculated Fill:	1,479'	
1.0 lbm/sk Granulite TR 1/4	Volume:	62.23	bbl
0.2% HR-5	**Proposed Sacks:**	**240**	**sks**

Job Recommendation		**Production Casing**	
Lead Cement - (8074' - 5066')			
50/50 Poz Premium	Fluid Weight:	14.1	lbm/gal
0.4% Halad®-344	Slurry Yield:	1.24	ft^3/sk
0.3% CFR-3	Total Mixing Fluid:	5.53	Gal/sk
0.3% HR-5	Top of Fluid:	5,066'	
	Calculated Fill:	3,008'	
	Volume:	49.21	bbl
	Proposed Sacks:	**230**	**sks**

Bill Barrett Corporation E-bill
1099 18th Street - Suite 2300
Denver, Colorado 80202

BTR
Duchesne County, Utah
United States of America

Alternate Cementing Proposal

Prepared for: Dominic Spencer
May 2, 2007
Version: 2

Submitted by:
Pat Kundert
Halliburton Energy Services
1125 17th Street - Suite 1900
Denver, Colorado 80202
+303.886.0839

HALLIBURTON

Fluid Instructions

Fluid 1: Water Based Spacer

Fresh Water with Gel

25 lbm/bbl Poly-E-Flake (Lost Circulation Additive)

10 lbm/bbl Bentonite (Viscosifier)

Fluid Density:	8.50 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Lead Cement – (500 – 0')

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	12.70 lbm/gal
Slurry Yield:	1.85 ft^3/sk
Total Mixing Fluid:	9.90 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	500 ft
Volume:	86.70 bbl
Calculated Sacks:	263.13 sks
Proposed Sacks:	**270 sks**

Fluid 3: Tail Cement – (TD - 500')

Premium Cement

94 lbm/sk Premium Cement (Cement)

2 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	15.80 lbm/gal
Slurry Yield:	1.15 ft^3/sk
Total Mixing Fluid:	4.97 Gal/sk
Top of Fluid:	500 ft
Calculated Fill:	500 ft
Volume:	90.93 bbl
Calculated Sacks:	443.95 sks
Proposed Sacks:	**450 sks**

Fluid 4: Top Out Cement – If Needed

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)

2 % Calcium Chloride (Accelerator)

Fluid Weight	15.60 lbm/gal
Slurry Yield:	1.18 ft^3/sk
Total Mixing Fluid:	5.20 Gal/sk
Proposed Sacks:	200 sks

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 3: Water Spacer
Fresh Water

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Lead Cement
Halliburton Hi-Fill
94 lbm/sk Premium Cement (Cement)
16 % Bentonite (Light Weight Additive)
0.75 % Econolite (Light Weight Additive)
5 lbm/sk Gilsonite (Lost Circulation Additive)
0.25 lbm/sk Flocele (Lost Circulation Additive)
3 % Salt (Salt)
0.8 % HR-7 (Retarder)
3 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight	11 lbm/gal
Slurry Yield:	3.84 ft^3/sk
Total Mixing Fluid:	23.38 Gal/sk
Top of Fluid:	1000 ft
Calculated Fill:	5835 ft
Volume:	245.51 bbl
Calculated Sacks:	358.59 sks
Proposed Sacks:	360 sks

Fluid 5: Primary Cement
50/50 Poz Premium
2 % Bentonite (Light Weight Additive)
3 % KCL (Clay Control)
0.75 % Halad(R)-322 (Low Fluid Loss Control)
0.2 % FWCA (Free Water Control)
3 lbm/sk Silicalite Compacted (Light Weight Additive)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)
1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight	13.40 lbm/gal
Slurry Yield:	1.49 ft^3/sk
Total Mixing Fluid:	7.06 Gal/sk
Top of Fluid:	6835 ft
Calculated Fill:	1165 ft
Volume:	49.02 bbl
Calculated Sacks:	184.71 sks
Proposed Sacks:	190 sks

Fluid Instructions
Fluid 1: Water Based Spacer
MUD FLUSH

Fluid Density:	8.40 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Primary Cement
50/50 Poz Premium, 2% gel standard
0.4 % Halad(R)-344 (Low Fluid Loss Control)
0.3 % CFR-3 (Dispersant)
0.3 % HR-5 (Retarder)

Fluid Weight	14.10 lbm/gal
Slurry Yield:	1.24 ft^3/sk
Total Mixing Fluid:	5.53 Gal/sk
Top of Fluid:	7300 ft
Calculated Fill:	3830 ft
Volume:	65.61 bbl
Calculated Sacks:	297.09 sks
Proposed Sacks:	300 sks

Well name:	BTR General_Contingency
Operator:	Bill Barrett Corporation
String type:	Intermediate
Location:	T3S-R6W

Design parameters:

Collapse

Mud weight: 9.40 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,564 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 5,324 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.80 (J)
Premium:	1.80 (J)
Body yield:	1.80 (B)

Tension is based on buoyed weight.

Neutral point: 6,887 ft

Environment:

H2S considered?	No
Surface temperature:	70.00 °F
Bottom hole temperature:	168 °F
Temperature gradient:	1.22 °F/100ft
Minimum section length:	1,000 ft
Cement top:	1,000 ft

Non-directional string.

Re subsequent strings:

Next setting depth:	11,130 ft
Next mud weight:	10.400 ppg
Next setting BHP:	6,013 psi
Fracture mud wt:	14.000 ppg
Fracture depth:	8,000 ft
Injection pressure	5,818 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8000	7.625	26.40	P-110	LT&C	8000	8000	6.844	417.7

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3906	3920	1.003	5324	8280	1.56	182	654	3.60 J

Prepared by: Dominic Spencer / Bill Barrett

Phone: (303) 312-8164

FAX: (303) 312-8195

Date: April 18,2007

Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 8000 ft, a mud weight of 9.4 ppg. The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**BTR General_Contingency**
Operator:	**Bill Barrett Corporation**
String type:	Production Liner
Location:	T3S-R6W

Design parameters:

Collapse

Mud weight: 10.40 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,564 psi
Internal gradient: 0.22 psi/ft
Calculated BHP 6,013 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.80 (J)
Premium:	1.80 (J)
Body yield:	1.80 (B)

Tension is based on buoyed weight.
Neutral point: 9,375 ft

Environment:

H2S considered?	No
Surface temperature:	70.00 °F
Bottom hole temperature	206 °F
Temperature gradient:	1.22 °F/100ft
Minimum section length:	1,500 ft
Cement top:	7,500 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11130	5.5	17.00	P-110	lush Seal-Lo	11130	11130	4.767	383.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6013	7480	1.244	6013	10640	1.77	159	406	2.55 J

Prepared by: Dominic Spencer / Bill Barrett
Phone: (303) 312-8164
FAX: (303) 312-8195

Date: April 18,2007
Denver, Colorado

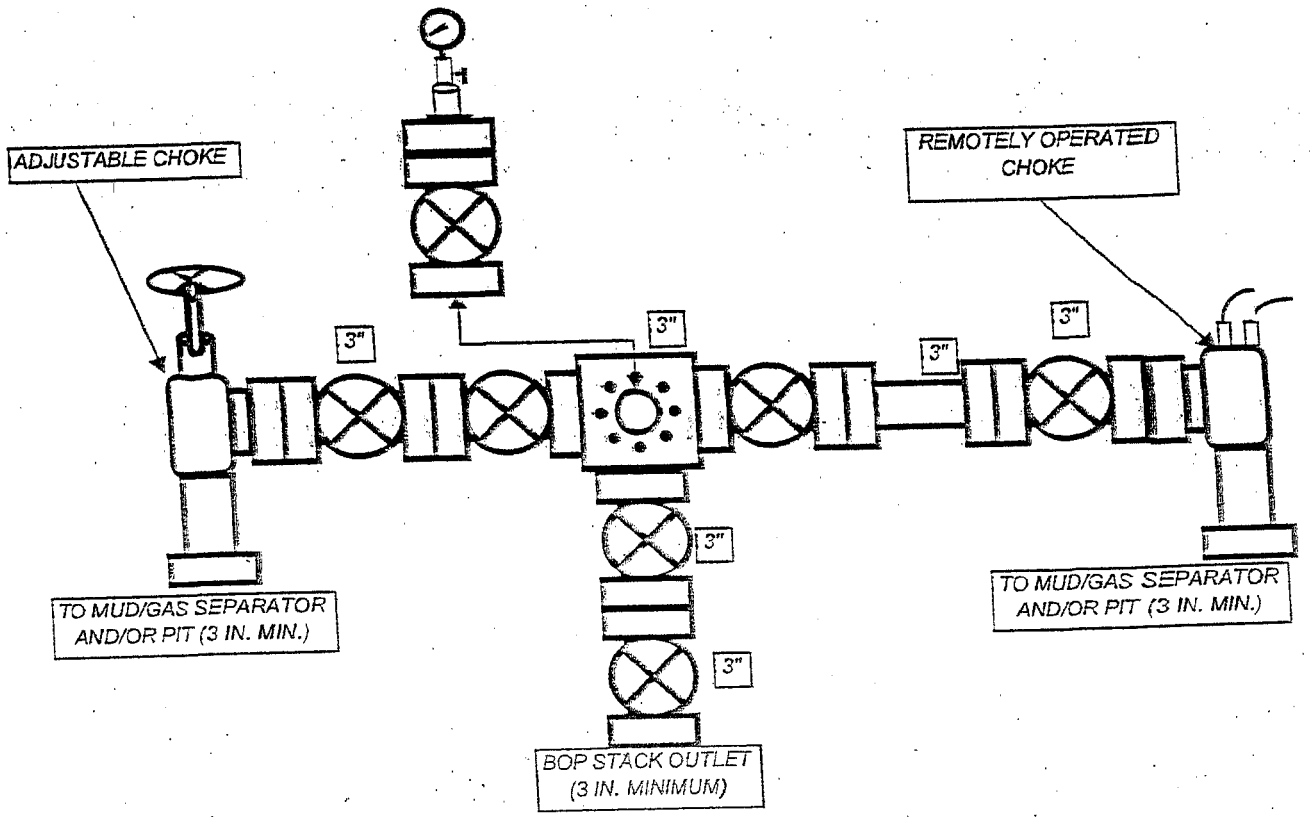
Remarks:

Collapse is based on a vertical depth of 11130 ft, a mud weight of 10.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

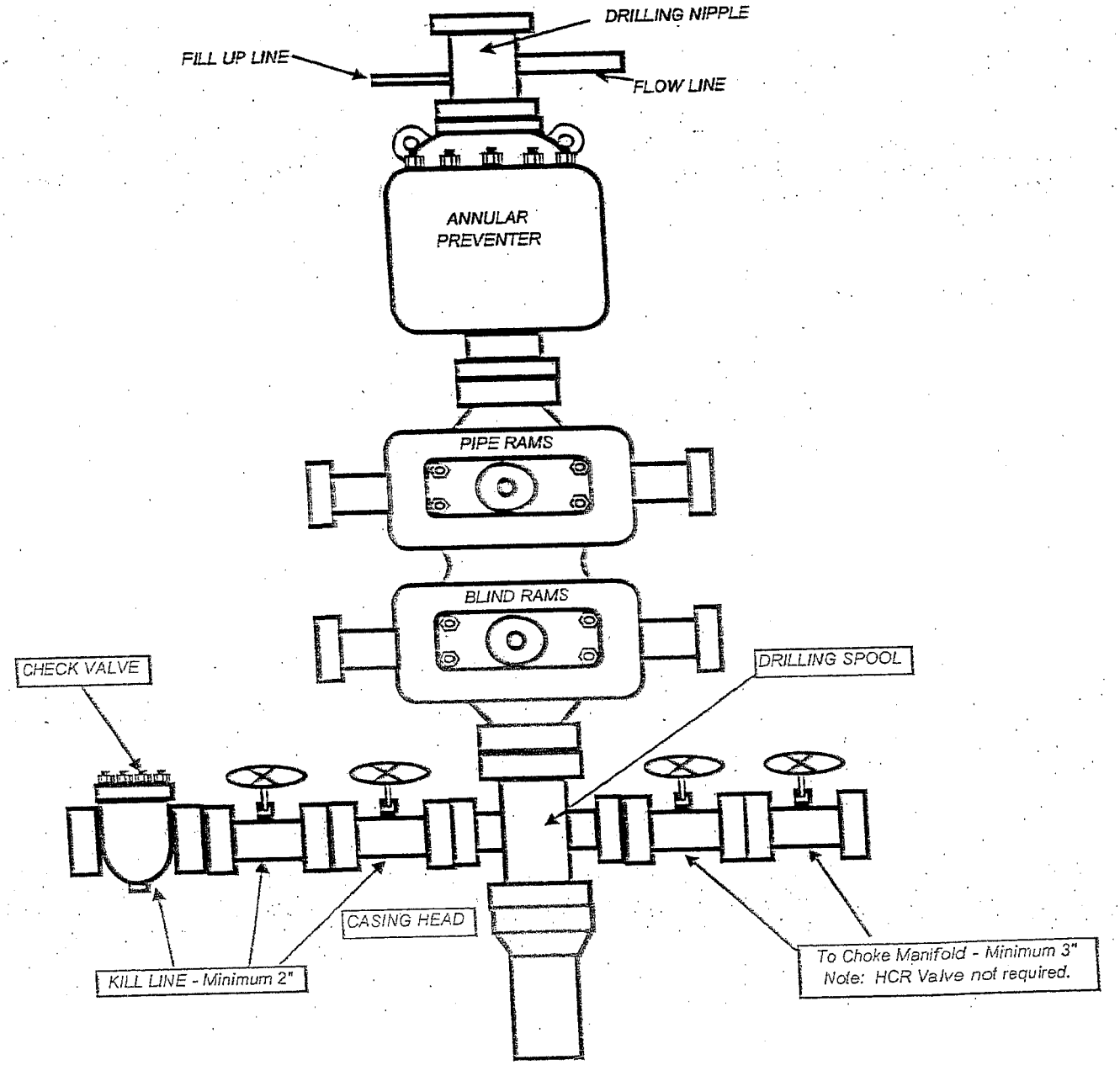
BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION

TYPICAL 5.000 p.s.i. BLOWOUT PREVENTER



Surface Use Plan for
Bill Barrett Corporation's
Development Program
Black Tail Ridge Area
Duchesne County, Utah

1. **Existing Roads:**

The Black Tail Ridge Areas are located approximately 12 miles Southwest of Duchesne, Utah and extend from Township 3 South, Range 5 West, Range 6 West, and Range 7 West and the North ½ of Township 4 South, Range 5 West, Range 6 West, and Range 7 West. The specific location of a particular well pad will be shown on maps and described in the site specific APD.

The use of state and county roads under UDOT and Duchesne County Road Department maintenance is necessary to access the Project Area. Improvements to existing access roads will be noted in the site specific APD's.

2. **Planned Access Roads:**

Descriptions of the individual access road(s) will be included in the site specific APD and ROW application.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance with the UDWR.

3. **Location of Existing Wells With-In A One-Mile Radius**

Water wells – None.
Abandoned wells – None.
Temporarily abandoned wells – None.
Disposal wells – None.
Drilling wells – None.
Producing wells – (1) – NW1/4, SE1/4, Section 7, T4S, R6W.

4. **Location of Tank Batteries, Production Facilities, and Production Gathering And Service Lines:**

The following guidelines will apply if the well is productive:

All permanent (on site for six months or longer) structures constructed or installed will conform to DOGM standards. All facilities will be painted within six months of installation.

A containment dike will be constructed completely around production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, and hold a minimum of 110% of the capacity of the largest tank. Topsoil will not be used for the construction of dike(s).

A description of the proposed pipeline and a map illustrating the proposed route will be submitted with the well site specific APD.

5. Location and Type of Water Supply

The Duchesne City Culinary Water Dock located in section 1, T4S-R5W will be used for water supply for drilling and completion operations. Additional water supply sources will be addressed in the site specific APD, indicating the location and type of water supply.

6. Source of Construction Materials:

All construction materials for this location site and access road shall be borrowed (local) material accumulated during construction of the location site and access road. No construction materials will be removed from UDWR lands. If any gravel is used, it will be obtained from an approved gravel pit.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including any salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed.

Unless otherwise specified in the site specific APD , the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not allow discharge of liquids.

If it is determined, at the onsite, that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12-millimeters thick. The liner will overlay a felt-liner pad if rock that might tear or puncture the liner is encountered during excavation. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash, scrap pipe, etc. that could puncture the liner will not be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at

all times during the drilling and completion operations. The pit liner will be protected during drilling and completion operations.

No water well will be drill on this lease. Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W. The trucked water will follow the access route described in the plat package of each APD. Production fluids will be contained in leak-proof tanks. All production fluids will be sold, recycled, or disposed of at approved disposal sites.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical self-contained sanitary-toilet will be onsite during drilling and completions.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The reserve pit fencing will be on three sides before drilling operations start. The fourth side will be fenced as soon as drilling is completed and the rig is removed. The fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities:

Garbage containers and portable toilets are the only ancillary facilities proposed. No additional ancillary facilities are foreseen in the future.

9. Wellsite Layout:

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface materials stockpile(s) will be included with the site specific APD and developed through a consultant.

10. Plans for Restoration of the Surface:

The dirt contractor will be provided with an approved copy of the surface use plan and these Standard Operating Procedures prior to commencing construction activities.

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. All reclamation standards will be developed between Bill Barrett Corporation (BBC) and UDWR. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be recontoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored as near as possible to its original line of flow.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be cut off at the water or mud line and disposed of at an approved landfill site. The remaining liner will be torn and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting, unless it is determined that this location will be utilized to drill additional wells within 1 year of completing operations.

After the reserve pit has been reclaimed, diversion ditches and water bars will be used to divert precipitation runon/runoff as appropriate.

Prior to the construction of the location, the top 6 inches or maximum available topsoil material will be stripped and stockpiled. Placement of the topsoil will be noted on the location plat attached to the site specific APD. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. When all drilling and completion activities have been completed, the unused portion of the location (area outside the deadmen) will be recontoured and the stockpiled topsoil spread over the area.

If topsoil must be stored for more than one year:

It shall be windrowed on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

It shall be broadcast seeded with the prescribed seed mixture immediately after windrowing. Seed will be drilled on the contour to an appropriate depth and the

stockpile then "walked" with a dozer to cover the seed and roughen the soil to prevent erosion.

Mulching may be considered to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw and hay must be certified to be weed-free and the documentation submitted prior to usage.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road will be scarified and left with a rough surface.

UDWR shall be contacted for the required seed mixture. Seed will be drilled on the contour to an appropriate depth. If broadcast seeded, the amount of seed mixture per acre will be doubled, and a harrow or some other implement will be dragged over the seeded area to assure coverage of the seeds.

At final abandonment, BBC will follow UT-DOGM standards for final well abandonment.

11. Surface Ownership

The well location and proposed access road route is located on The Ute Indian Tribe surface estate.

I hereby certify that Bill Barrett Corporation has reached an agreement with The Ute Indian Tribe for the protection of surface resources and reclamation of disturbed areas and/or damages in lieu thereof.

11/12/2007
Date

Reed Haddock
Reed Haddock – Permit Analyst
Bill Barrett Corporation

12. Other Information:

The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the BBC field representative to ensure compliance.

The operator will control noxious weeds along applied access road authorizations, pipeline route authorizations, well sites or other applicable facilities

Wells drilled during the fire season (June – October) all appropriate precautions shall be instituted to ensure that fire hazard is minimized, including, but not limited to, controlling vegetation and keeping fire fighting equipment readily available during all drilling and completion operations.

Drilling rigs and/or equipment used during drilling operations on locations will not be stacked or stored on UDWR administered lands after the conclusion of drilling operations or at any other time without permission by the UDWR. If UDWR permission is obtained, such storage will only be temporary measure.

Travel will be restricted to approved travel routes.

OPERATOR CERTIFICATION

This drilling permit will be valid for a period of two (2) years from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bill Barrett Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Reed Haddock DATE: November 1, 2007
Reed Haddock
Permit Analyst

BBC Representatives:

Reed Haddock
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202
Phone: 303-312-8546
Fax: 303-291-0420

Scot Donato, Environmental Health and Safety; phone: (303) 312-8191
Mike Angus, Area Superintendent; phone: (435) 724-8016

UDWR Representatives:

Ben Williams, UDWR, Wildlife Resources; phone: (435) 781-5357
Bill James, UDWR, Wildlife Resources, Manager; phone: (801) 538-4745

CULTURAL RESOURCE INVENTORY OF BILL BARRETT CORPORATION'S PROPOSED WELL LOCATIONS: #1-5-45 BTR, #7-8-45 BTR, AND #14-7-46 BTR DUCHESNE COUNTY, UTAH

CULTURAL RESOURCE INVENTORY OF BILL BARRETT CORPORATION'S PROPOSED WELL LOCATIONS: #1-5-45 BTR, #7-8-45 BTR, AND #14-7-46 BTR DUCHESNE COUNTY, UTAH

By:

Hannah Russell

Prepared For:

Ute Indian Tribe
Uintah and Ouray Agency

Prepared Under Contract With:

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 07-340

October 23, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-1231i

Ute Tribal Permit No. A07-363

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) in October 2007 for Bill Barrett Corporation's (BBC) proposed well locations: #1-5-45 BTR, #7-8-45 BTR, and #14-7-46 BTR. The project area is along the Strawberry River near Lake Canyon, southwest of the town of Duchesne, Utah. The survey was implemented at the request of Mr. Reed Haddock, Bill Barrett Corporation, Denver, Colorado. Land status is Ute Indian Tribe (Uintah-Ouray Agency).

The objectives of the inventory were to locate, document, and evaluate any cultural resources within the project area in accordance with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Historic Preservation Act (NHPA) of 1969 (as amended), the Archaeological and Historic Conservation Act of 1974, the Archaeological Resources Protection Act of 1979, and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed on October 3, 2007 by Todd Seacat (Field Supervisor) and assisted by Lucinda Patt. The archaeologists were accompanied to the field by Lorenzo Blake (Ute Energy and Minerals Division Technician). The inventory was completed under the auspices of U.S.D.I. (FLPMA) Permit No. 07-UT-60122, Ute Tribal Permit No. A07-363, and State of Utah Antiquities Permit (Survey) No. U-07-MQ-1231i issued to Montgomery Archaeological Consultants, Moab, Utah.

A file search for previous projects and documented cultural resources was conducted by Marty Thomas at the Division of State History, Salt Lake City, on March 22, 2007. In addition, an in house file search was conducted on October 2, 2007 by Keith Montgomery. These consultations indicated that three inventories have been conducted in the area. In 1995, Archeological Research Consultants conducted a cultural and paleontological resource inventory of proposed bridge replacements for the Strawberry and Duchesne Rivers (Norman 1995). No cultural resources were located during this investigation. In 2007, two cultural resource inventories were conducted by MOAC for Bill Barrett Corporation's proposed 7-7-46 BTR well and associated pipeline (Montgomery 2007; Bond 2007). No cultural resources were located during either inventory.

DESCRIPTION OF PROJECT AREA

The project area is located around the Strawberry River in Duchesne County, Utah. The legal description is Township 4S, Range 5W, Sections 5 and 8; and Township 4S, Range 6W, Section 7 (Figures 1 and 2; Table 1). A total of 30 acres was inventoried on the Ute Tribal land (Uintah-Ouray Agency).

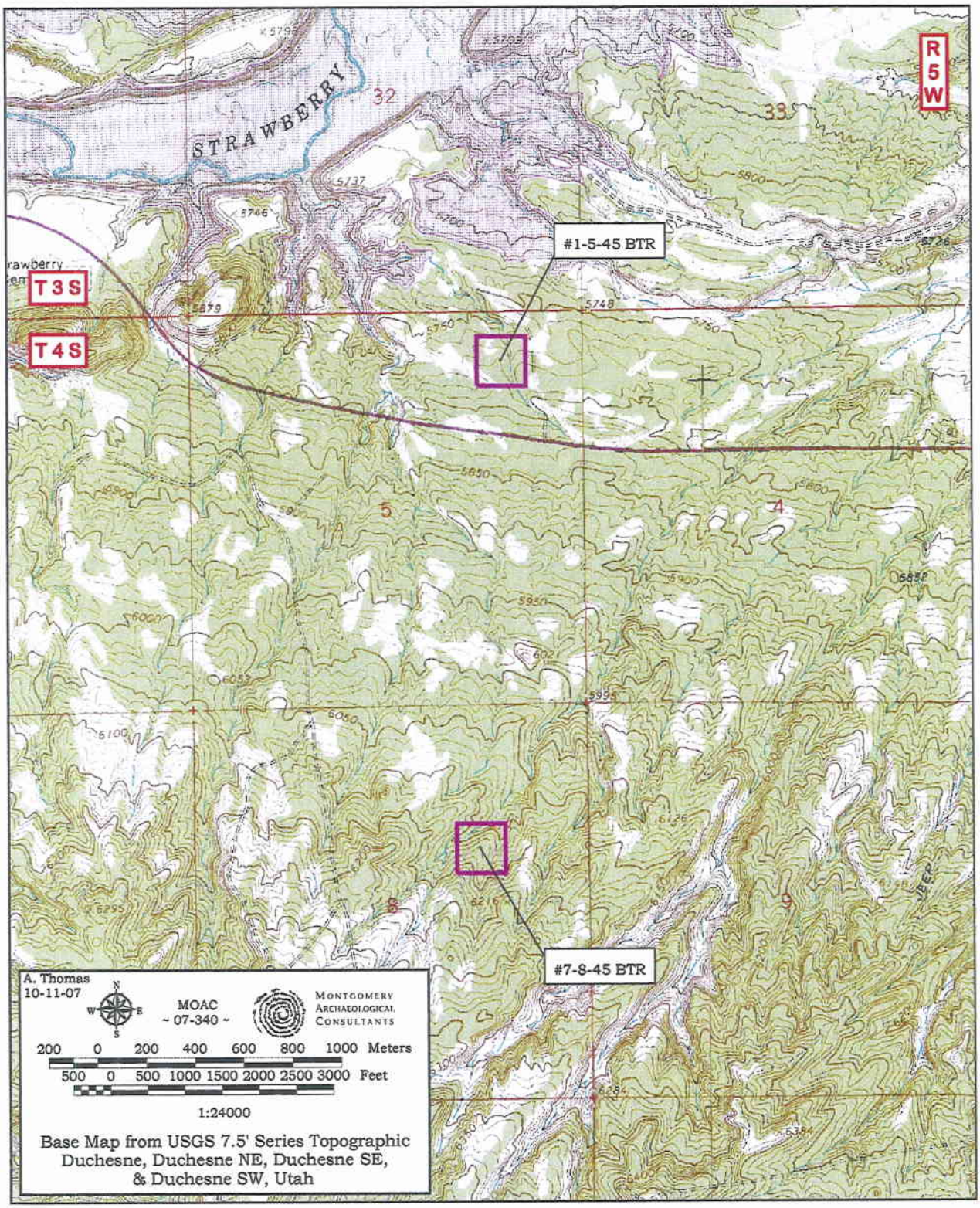


Figure 1. Inventory Area of Bill Barrett's Proposed #1-5-45 BTR and #7-8-45 Well Locations, Uintah County, Utah.

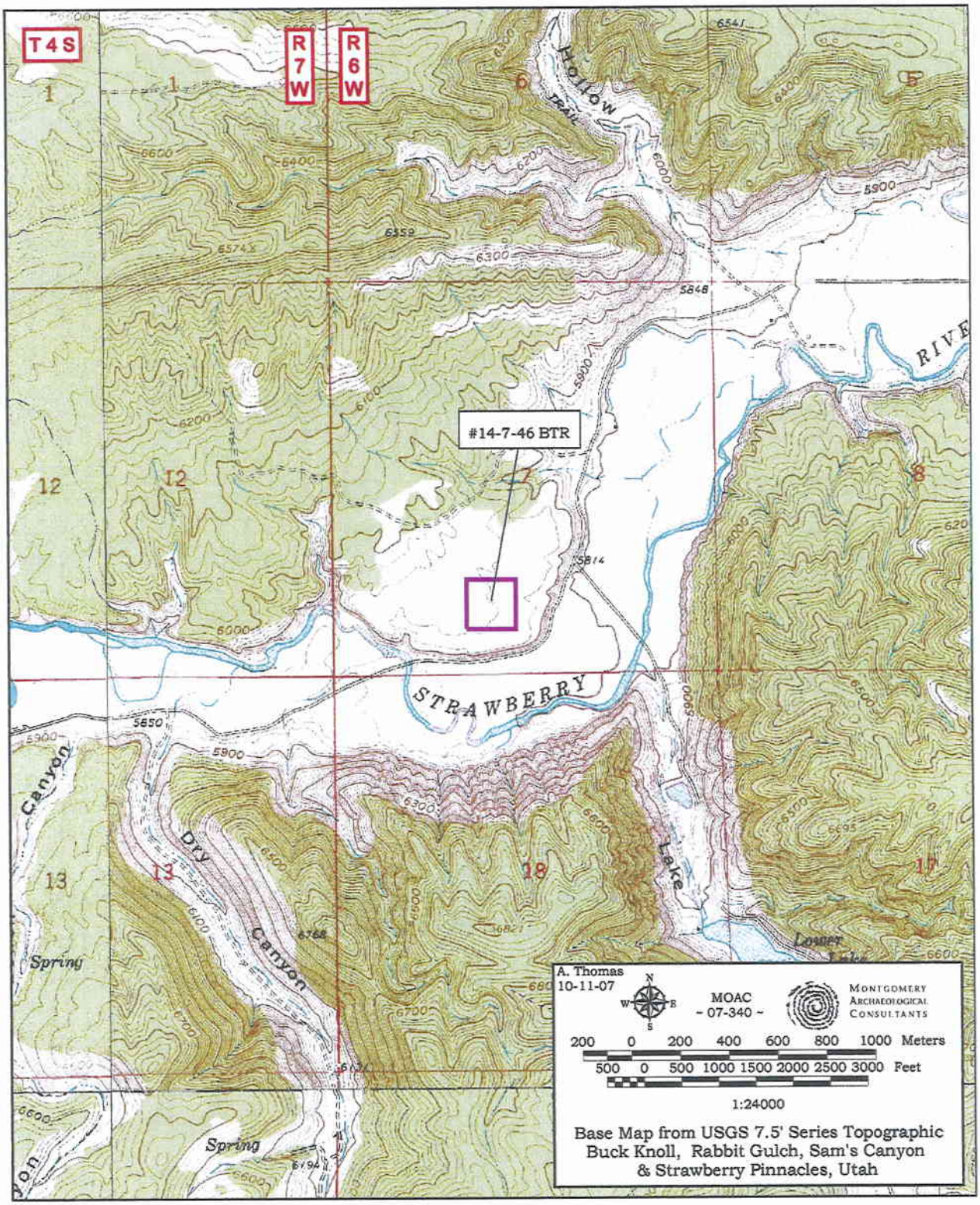


Figure 2. Inventory Area of Bill Barrett's Proposed #14-7-46 BTR Well Location, Uintah County, Utah.

Table 1. Bill Barrett Corporation's Three Proposed Well Locations.

Well Designation	Legal Location	Access/Pipeline	Cultural Resources
#1-5-45 BTR	T4S, R5W, NE/NE Sec. 5	Within 10 Acre	None
#7-8-45 BTR	T4S, R5W, SW/NE Sec. 8	Within 10 Acre	None
#14-7-46 BTR	T4S, R6W, SE/SW Sec. 7	Within 10 Acre	None

The project area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The area is characterized by steep-sided narrow ridges and benches dissected by intermittent drainages. Outcrops of the Uinta formation are characterized by a dense dendritic drainage pattern and topographic relief. This Eocene-age formation occurs as fluvial deposited interbedded sandstone and mudstone, and is well-known for its fossil vertebrate turtles, crocodilians, fish, and mammals. Elevation of the project area ranges between 5770 ft and 6150 ft asl. The vegetation is dominated by a juniper-sagebrush vegetation community along with prickly pear cactus and various grasses. Modern disturbances include livestock grazing and roads.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the proposed well locations, a ten acre area centered on the center stake of the location was surveyed by the archaeologists walking parallel transects spaced no more than 10 m (33 ft) apart. The access/pipeline corridors were surveyed to a width of 30 m (100 ft) by the archaeologists employing the same methods. Ground visibility was considered to be good. A total of 30 acres was inventoried on Ute Tribal land (Uintah-Ouray Agency).

RESULTS AND RECOMMENDATIONS

The inventory of Bill Barrett Corporation's proposed well locations: #1-5-45 BTR, #7-8-45 BTR, and #14-7-46 BTR resulted in the finding of no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.

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BILL BARRETT CORPORATION
2008 LAKE CANYON DRILLING PROJECT

THREATENED, ENDANGERED, CANDIDATE, AND SENSITIVE SPECIES HABITAT DELINEATION

CONDUCTED

October 3, 2007

By,

EIS Environmental and Engineering Consulting

31 North Main Street * Helper, Utah 84526
Office - (435) 472-3814 * Toll free - (800) 641-2927 * Fax - (435) 472-8780
eisec@preciscom.net * knash@preciscom.net

Bill Barrett Corporation
2008 Lake Canyon Drilling Project

Threatened, Endangered, Candidate, and Sensitive Species Habitat Delineation

INTRODUCTION

Bill Barrett Corporation (BBC) has contracted EIS Environmental & Engineering Consulting to conduct habitat delineations for their 2008 Lake Canyon Drilling Project. The proposed areas are located west of Duchesne, Utah near Lake Canyon and Starvation Reservoir. This area consists of land administered by the Ute Ouray Indian Tribe. Proposed activities include the drilling of 3 well locations in Township 4 south, Range 6 west, section 7; and Township 4 south, Range 5 west, sections, 5 and 8. These proposed well locations are required to be surveyed for a variety of Threatened, Endangered, Candidate, and Sensitive (TECS) plant and animal species. Several TECS species have been identified by the BLM through past studies as occurring, or potentially occurring within the BBC Project Area. Due to the time of year, habitat delineations were completed to determine which of these species, if any, could potentially be within the proposed Project Area. Using established protocols; qualified Field Biologists of EIS conducted habitat delineations for several proposed TES Species (Table 1) at the area of concern. The habitat delineation for this Project was conducted on October 3, 2007.

METHODOLOGY

Inventory work on the Project Area was conducted on October 3, 2007. A walkover of the corridor was conducted. Habitat present was noted, as was the general topography, and weather conditions. For inventory purposes, a buffer area of approximately 300 feet was surveyed. Corridors were walked using a zigzagged route rather than walking straight lines on either side, to better cover the area in question.

If target species were located, field personnel would flag the location, collect voucher specimens, mark the location on a quad-map or GPS the location, and take a photograph of the species and habitat.

Table 1 –
List Of Threatened, Endangered, Candidate, And Sensitive Species

Symbol Definition Status:
T – Threatened, S – Sensitive, E – Endangered, C – Candidate

Common Name	Scientific Name	Status
Bald eagle	*Haliaeetus leucocephalus*	T
Barneby ridge-cress	*Lepidium barnebyanum*	E
Black-footed ferret	*Mustela nigripes*	E Extirpated
Bluehead Sucker	*Catostomus discobolus*	C
Bonytail	*Gila elegans*	E
Canada lynx	*Lynx Canadensis*	T
Colorado pikeminnow	*Ptychocheilus lucius*	E
Colorado River cutthroat trout	*Oncorhynchus clarkii pleuriticus*	C
Flannelmouth sucker	*Catostomus latipinnis*	C
Goodrich penstemon	*Penstemon Goodrichii*	S
Goodrich's blazing star	*Mentzelia goodrichii*	S
Graham beardtongue	*Penstemon grahamii*	C
Humpback chub	*Gila cypha*	E
Northern goshawk	*Accipiter gentiles*	C
Razorback sucker	*Xyrauchen texanus*	E
Roundtail chub	*Gila robusta*	C
Shrubby reed mustard	*Schoencrambe suffrutescens*	E
Uinta basin hookless cactus	*Sclerocactus glaucus*	T
Ute Ladies tresses	*Spiranthes diluvialis*	T
Yellow-billed cuckoo	*Coccyzus americanus*	C

HABITAT REQUIREMENTS

Bald eagle (*Haliaeetus leucocephalus*) During the breeding season bald eagles are closely associated with water, along coasts, lakeshores, and/or riverbanks. During the winter bald eagles tend to concentrate wherever food is available. This usually means open water where fish and waterfowl can be caught. They also winter on more upland areas feeding on small mammals and deer carrion. At winter areas, bald eagles commonly roost in large groups. These communal roosts are located in forested stands that provide protection from harsh weather.

Through annual surveys completed by the Utah Division of Wildlife Resources (UDWR) no bald eagles are known to nest in Duchesne County, they can often be found near lakes and reservoirs, as well as within upland areas within the area between late fall and early spring. The Green River,

approximately 30 miles to the east of the Project Area, is known to be a winter concentration area supporting up to 30 individuals. Bald eagles are infrequent winter residents of this area.

Barneby ridge-cress (*Lepidium barnebyanum*) Areas suspected to contain potential habitat for Barneby peppergrass consist of white shale outcrops on the Uinta formation in pinyon-juniper (mainly on ridge crests) between 6,200 and 6,500 feet elevation, flowering from May to June.

Black -footed Ferret *(Mustela nigripes)* The relationship between black-footed ferrets and prairie dogs has long been known. Black- footed ferrets live in the burrows made by prairie dogs and probably exploit these rodents as their major food source. The high biomass of potential prey species and the abundance of burrows are equally important factors in attracting black-footed ferrets to this habitat.

Bluehead Sucker (*Catostomus discobolus*) The bluehead sucker is a benthic (bottom dwelling) species with a mouth modified to scrape algae (the primary food of the bluehead sucker) from the surface of rocks. Members of the species spawn in streams during the spring and summer. Fast flowing water in high gradient reaches of mountain rivers has been identified as important habitat for bluehead sucker. The bluehead sucker is native to parts of Utah, Idaho, Arizona, New Mexico, and Wyoming. Specifically, the species occurs in the upper Colorado River system, the Snake River system, and the Lake Bonneville basin.

Bonytail (*Gila elegans*) Historically bonytail chubs exist throughout the Colorado River drainage. Recently, isolated captures of bonytail chubs have been made in the Colorado River basin but recruitment to the population is extremely low or nonexistent. The decline of the bonytail chub is attributed to dam construction and associated water temperature changes. Other factors contributing to the reduced numbers include flow depletion, hybridization, stream alterations associated with dam construction, and the introduction of non- native fish species. The bonytail chub is an omnivore, feeding mostly on terrestrial insects, plant debris and algae and begins to spawn at five to seven years of age.

Canada lynx (*Lynx canadiensis*) In the western States lynx live in spruce/fir forests at high elevations.

Colorado Pike Minnow (*Ptychocheilus lucius*) The Colorado pike minnow had a historic range from Green River, Wyoming to the Gulf of California, but the species is now confined to the Upper Colorado River basin mainstream and larger tributaries. The Lower Green River between the Price and San Rafael Rivers is known to contain an abundant population of this species. The species decline can be attributed to direct loss of habitat, changes in water flow and temperature, blockage of migrations, and interactions with introduced fish species. Colorado pike minnow adults are thought to prefer deepwater eddies and pools or other areas adjacent to the main water current, whereas the young inhabit shallow, quiet backwaters adjacent to high flow areas. This species feeds on invertebrates while young but gradually become piscivorous after one year.

Colorado River Cutthroat Trout (*Oncorhynchus clarkia pleuriticus*) Colorado cutthroat trout require cool, clear water in streams with well vegetated banks, which provides cover and bank

stability. Deep pools and structures such as boulders and logs provide instream cover. This species is believed to have formerly been widespread in lakes, rivers, and streams in Utah, however now it is limited to isolated headwater streams and other rigorous environments where other species such as rainbow trout and Yellowstone cutthroat throat have not been introduced.

Flannelmouth Sucker (*Catostomus latipinnis*) Flannelmouth suckers are benthic (bottom dwelling) fish that primarily eat algae, although invertebrates and many types of plant matter are also consumed. The species spawns in streams over gravelly areas during the spring and early summer. Flannelmouth suckers prefer large rivers, where they are often found in deep pools of slow-flowing, low gradient reaches. The flannelmouth sucker is native to the Colorado River system of the western United States and northern Mexico. In Utah, the species occurs in the main-stem Colorado River, as well as in many of the Colorado River's large tributaries. Flannelmouth suckers are usually absent from impoundments.

Goodrich penstemon (*Penstemon goodrichii*) Areas suspected to contain potential habitat for Goodrich Penstemon consist of blue-gray to reddish, clay impregnated badlands of the Duchesne River formation in shadscale and juniper-mountain mahogany communities at 5,590 to 6,215 feet elevation. Flowering from late May through June.

Goodrich's blazing star (*Mentzelia goodrichii*) Areas suspected to contain potential habitat for Goodrich's blazing star consist of steep, white, marly calciferous shale of the Green River Formation and along escarpment of Willow and Argyle canyons, at 2470 to 2685 m, in Duchesne County in scattered limber and pinyon pine, Douglas-fir, mountain mahogany, and rabbitbrush communities at 8,100 - 8,800 feet elevation, July - August.

Graham beardtongue (*Penstemon grahamii*)Areas suspected to contain potential habitat for Graham beardtongue consist of sparsely vegetated desert shrub and pinyon-juniper communities on shaley talus knolls between 4,600 and 6,700 feet elevation, flowering from May to mid June.

Humpback Chub *(Gila cypha)* The humpback chub is believed to have inhabited all of the large rivers of the upper Colorado River basin and canyons of the lower Colorado River basin. Presently the humpback chub can be located in and above the Grand Canyon, Arizona, and the major tributaries to the Colorado River. The states stream alteration, including dewatering, dams and channelization, are factors causing the decline of the species. The humpback chub normally lives adjacent to high velocity flows, where they consume plankton and small invertebrates.

Northern Goshawk (*Accipiter gentiles*) Northern goshawks are found in variety of forest habitat types that are generally mature stands with complex structures that provide certain habitat characteristics including: 1) multiple canopy levels with high canopy closure, 2) relatively open understories, snags and downed woody debris, 3) small openings, and 4) a surface water source.

Razorback sucker (*Xyrauchen texanus*) Historic distribution of the razorback sucker was mainly along the mainstream of the Colorado, Green and San Juan Rivers. They presently only occur in a portion of their former range in these rivers and are normally found in water four to ten feet deep with area of strong currents and backwaters. The razorback sucker feeds on small invertebrates, and

animals and organic debris on the river bottom. Behnke and Benson (1980) link the decline of the razorback sucker to the land and water uses, particularly dam construction and the associated change in flow regimes and river channel characteristics.

Roundtail Chub (*Gila robusta*) Roundtail chub eat terrestrial and aquatic insects, mollusks, other invertebrates, fishes, and algae. The species spawns over areas with gravel substrate during the spring and summer. Eggs are fertilized in the water, and then drop to the bottom where they adhere to the substrate until hatching about four to seven day later. The roundtail chub is a fairly large minnow native to the Colorado River system of the western United States. The species prefers large rivers, and is most often found in murky pools near strong currents in the main-stem Colorado River, and in the Colorado River's large tributaries.

Shrubby reed-mustard (*Schoencrambe suffrutescens*) Areas suspected to contain potential habitat for shrubby reed-mustard consist of calcareous shale of the Green River Shale formation in shadsscale, pygmy sagebrush, mountain mahogany, juniper, and other mixed desert shrub communities between 5,400 and 6,000 feet elevation, flowering from May to mid August.

Uinta Basin hookless cactus (*Sclerocactus glaucus*) The Uinta Basin hookless cactus is known to occur in Duchesne, Uintah, and northern Carbon counties. The cactus is found occupying gravelly hills and terraces on alluvium soils. They live in cold shrub communities between 4,700 and 6,000 feet in elevation. They flower between the months of May and June. The cactus has all straight spines and the principle spine often arches upward.

Ute ladies tresses (*Spiranthes diluvialis*) Areas suspected to contain potential habitat for Ute ladies' tresses consist of areas along streams, bogs, and open seepage areas in cottonwood, tamarisk, willow, and pinyon-juniper communities between 4,400 and 6,810 feet elevation, flowering from late July to September.

Yellow-billed cuckoo (*Coccyzus americanus*) Yellow-billed cuckoos are considered a riparian obligate and are usually found in large tracts of cottonwood/willow habitats with dense sub-canopies (below 10 m [33 ft]). Nesting habitat is classified as dense lowland riparian characterized by a dense sub-canopy or shrub layer (regenerating canopy trees, willows, or other riparian shrubs) within 100 m (333 ft) of water. Over story in these habitats may be either large, gallery-forming trees (10-27 m [33-90 ft]) or developing trees (3-10 m [10-27 ft]), usually cottonwoods. Nesting habitats are found at low to mid-elevations (750-1820 m [2500-6000 ft]) in Utah. Cuckoos may require large tracts (40-80 ha [100-200 ac]) of contiguous riparian nesting habitat; however, cuckoos are not strongly territorial and home ranges may overlap during the breeding season.

RESULTS

Bald eagle (*Haliaeetus leucocephalus*) Although the potential for Bald Eagle use within the Project Area is possible, the proposed project will not adversely impact bald eagle nest, forage or winter habitat. Therefore, the proposed project is not likely to directly or indirectly impact the bald eagle.

Barneby ridge-cress (*Lepidium barnebyanum*) The proposed well locations are located outside of the elevation requirements for the barneby ridge-cress.

Black -footed Ferret *(Mustela nigripes)* A thorough survey of the proposed well pads and access roads did not reveal any burrows.

Bluehead Sucker (Catostomus discobolus) The habitat requirements for the bluehead sucker does not exist near the proposed well pads.

Bonytail (*Gila elegans*) The habitat requirements for the bonytail do not exist near the proposed well pads.

Canada lynx (*Lynx canadiensis*) Potential habitat for the Canada Lynx is not present within the Project Area, therefore no further inventories are warranted.

Colorado Pike Minnow (*Ptychocheilus lucius*) Habitat requirements for the Colorado pike minnow do not exist near the proposed well pads.

Colorado River Cutthroat Trout (*Oncorhynchus clarkia pleuriticus*) Habitat requirements for the Colorado River cutthroat trout do not exist near the proposed project area.

Flannelmouth Sucker (*Catostomus latipinnis*) Habitat requirements for the flannelmouth sucker do not exist near the proposed project area.

Goodrich penstemon (*Penstemon goodrichii*) Goodrich penstemon habitat is not present near the proposed well pads.

Goodrich's blazing star (*Mentzelia goodrichii*) The Goodrich's Blazing Star requires elevations greater than that of the proposed Project area.

Graham beardtongue (*Penstemon grahamii*)Soil requirements for the Graham beardtongue do not exist on or near the proposed well locations.

Humpback Chub *(Gila cypha)* The proposed well locations are not within humpback chub habitat.

Northern Goshawk (*Accipiter gentiles*) Potential habitat for the Northern goshawk is not present.

Razorback sucker (*Xyrauchen texanus*) The proposed well locations are not within razorback sucker habitat.

Roundtail Chub (*Gila robusta*) The proposed well locations are not within roundtail chub habitat.

Shrubby reed-mustard (*Schoencrambe suffrutescens*) Two of the well locations are within the elevations required for the shrubby reed-mustard, however there was no indication of this species being present.

Uinta Basin hookless cactus (*Sclerocactus glaucus*) The well locations are within the elevations required, however the wells do not contain suitable soil and there was no indication of this species being present.

Ute ladies tresses (*Spiranthes diluvialis*) The area does not contain suitable habitat based on soil types.

Yellow-billed cuckoo (*Coccyzus americanus*) Potential habitat for the Yellow-billed cuckoo is not present within the Project Area, therefore no further inventories are warranted.

CONCLUSIONS

These proposed well locations do contain suitable habitat for the various species based on the habitat requirements, however no evidence of these species, residual plant stems etc., were noted during the inventory.

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ADDENDUM

Black Tail Ridge well locations surveyed include 1-5-45 BTR, 7-8-45 BTR, 14-7-46 BTR, and access roads to each pad. A 300-foot corridor for each access road was surveyed as well as the area within a 300-foot distance surrounding the well pad corner stakes. Concerns with each site were discussed with a field technician, Audie Appawoo, from the Ute Indian Tribe Energy and Minerals Department. There were no conflicts for construction of well pads at their current locations.

Well pad 14-7-45 BTR is composed of sandy loam with little or no cobble. Top soil is deep and highly productive. Cryptobiotic soil is evident, although it is not widespread. Reclamation of this pad should be unproblematic provided the topsoil is salvaged during construction. There is evidence that deer and elk heavily use this area in the winter season. The area was likely previously disturbed as it is composed mostly of shrubs with only one Juniper tree. A large number of dead sagebrush remains, showing the area was most likely sprayed.

Site 1-5-45 BTR has a soil depth of 14-16 inches. Slick rock underlies the sandy loam soil. Conservation of top soil during construction will assist in reclamation. Cryptobiotic soils are not widespread, and deer and elk lightly forage here in winter.

The 7-8-45 BTR alternate may be difficult to reclaim. The soil is poorly drained and shallow broken shale. There is little understory beneath the Pinyon Pine and Juniper. Top soil will unlikely be conserved during construction.

ATTACHMENT 1

SUMMARY SPREADSHEET

Bill Barrett Corporation
Lake Canyon & Black Tail Ridge Projects - Proposed Well Locations
Threatened, Endangered, Candidate, and Sensitive Species Delineation

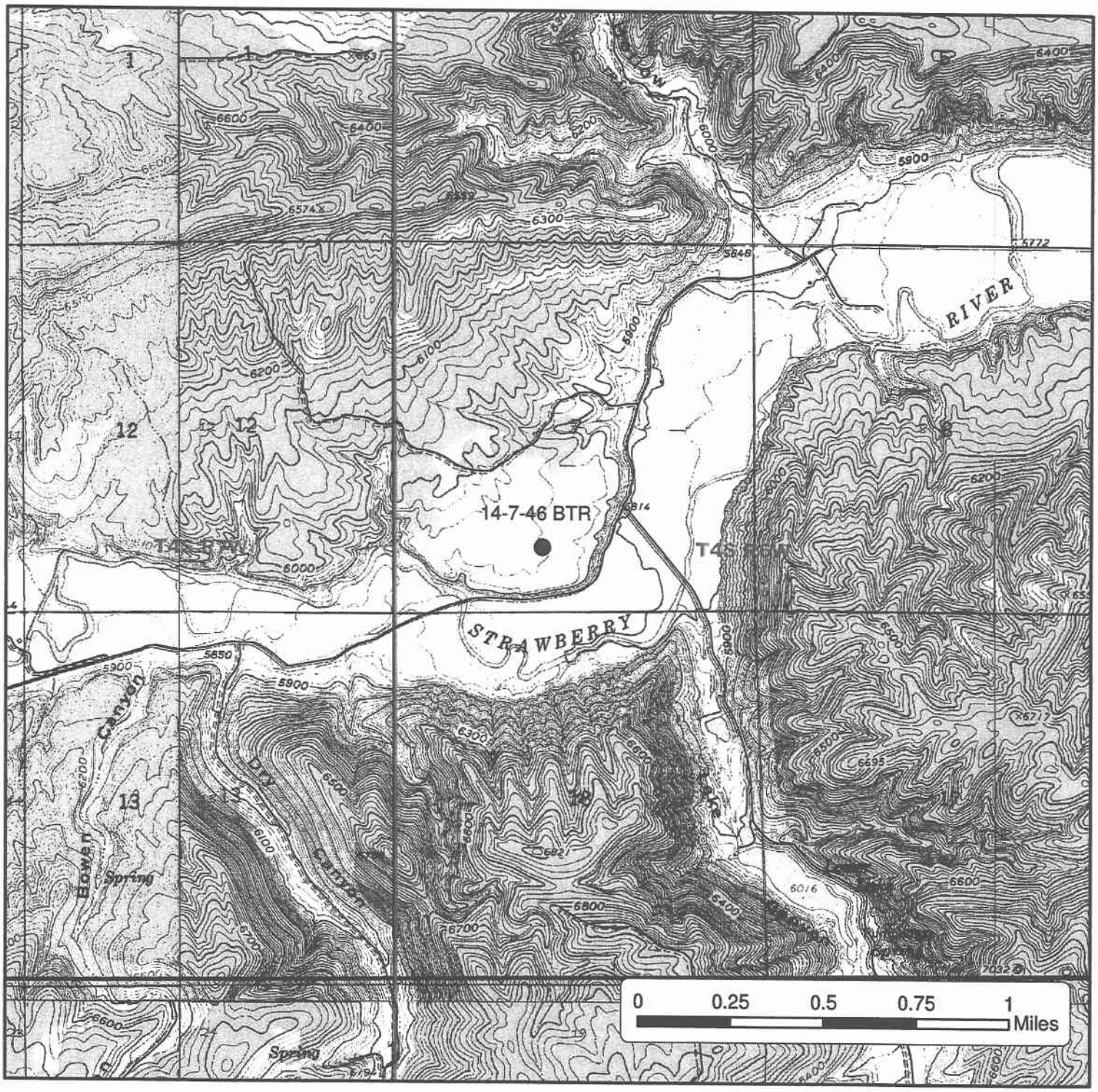
Date	Geographical Area	Inventoried	Township (S.)	Range (W.)	Section	Elevation (ft)	Soil type	Habitat/Community	Bald eagle	Barneby ridge-cress	Black-footed ferret	Bluehead Sucker	Bonytail	Canada lynx	Colorado River cutthroat trout	Flannelmouth sucker	Goodrich penstemon	Goodrich's blazing star	Graham beardtongue	Humpback chub	Northern goshawk	Razorback sucker	Roundtail chub	Shrubby reed mustard	Uinta basin hookless cactus	Ute Ladies tresses	Yellow-billed cuckoo	Comments
10/3/07	Duchesne	I-5-45 BTR & Access Road	4	5	5	5750	Sandy Loam / Slick Rock	Pinyon pine, Utah Juniper, sagebrush, Shadscale, Fourwing, Greasewood, Winterfat, Birch Leaf Mountain Mahogany, Prickly Pear, Green Ephedra, Golden Cryptantha, Plantago, Yucca, Cheat Grass, Salina Wildrye.	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	
Habitat Suitability									P	P	P	P	P	P	P	P	P	P	P	P	P	P	F	F	P	P	
10/3/07	Duchesne	7-8-45 BTR & Access Road	4	5	8	6100	Broken Shale / Shingle	Pinyon Pine, Utah Juniper, sagebrush, Prickly Gilia, Green Ephedra, Penstamin spp.	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	
Habitat Suitability									P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10/3/07	Duchesne	14-7-46 & Access Road	4	6	7	5950	Deep Sandy Loam / Little or No Cobble	Utah Juniper, sagebrush, Shadscale, Fourwing, Greasewood, Winterfat, Prickly Pear, Mustard spp., Blue Gramma, Squirrel Tail, Indain Ricegrass, Galleta, Needle and Thread.	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	
Habitat Suitability									P	P	P	P	P	P	P	P	P	P	P	P	P	P	F	F	P	P	

	HABITAT KEY	**INDICATION KEY**	
	P- POOR	NI - NONE INDICATED	
	F- FAIR	I - SPECIES INDICATED	
	G- GOOD		

ATTACHMENT 2

GENERAL AREA MAPS

October 3, 2007 TES Habitat Delineation

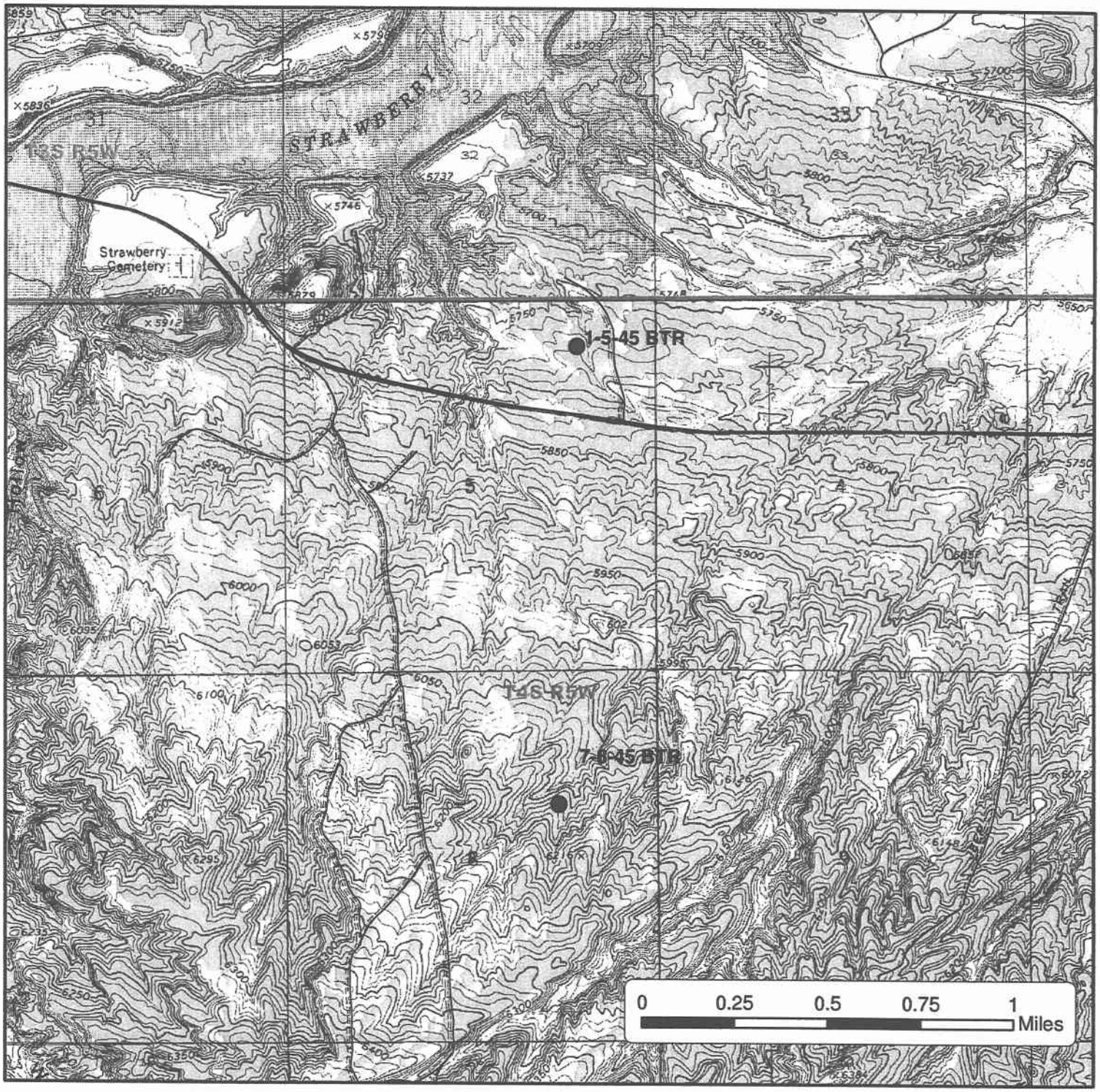


Bill Barrett Corporation
Black Tail Ridge
2008 Proposed Drilling

● Well

Environmental Industrial Services
31 North Main
Helper, Utah 84526
Office (435) 472-3814

October 3, 2007 TES Habitat Delineation



Bill Barrett Corporation
Black Tail Ridge
2008 Proposed Drilling

● Well

Environmental Industrial Services
31 North Main
Helper, Utah 84526
Office (435) 472-3814

BILL BARRETT CORPORATION

#14-7-46 BTR

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 7, T4S, R6W, U.S.B.&M.

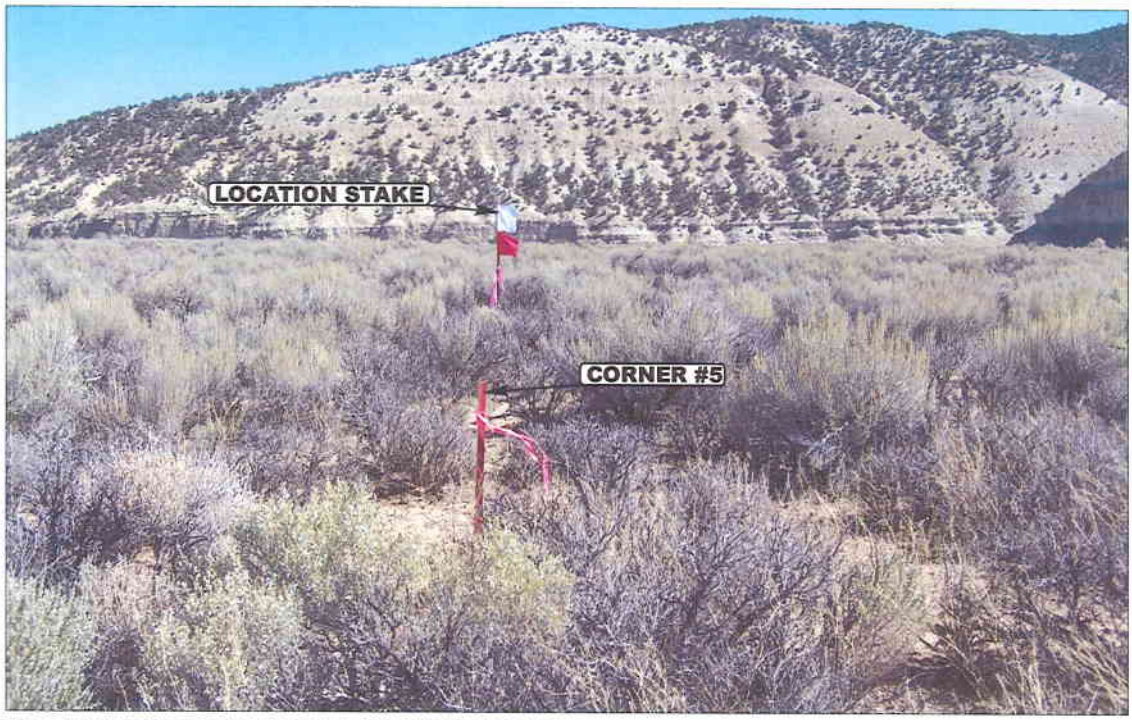


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: EASTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: SOUTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

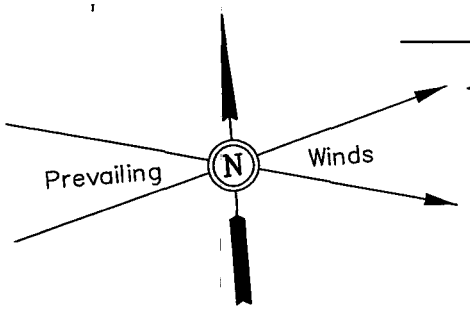
LOCATION PHOTOS	10 MONTH	15 DAY	07 YEAR	PHOTO
TAKEN BY: D.R.	DRAWN BY: C.P.	REVISED: 00-00-00		

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

#14-7-46 BTR
SECTION 7, T4S, R6W, U.S.B.&M.
920' FSL 2130' FWL

FIGURE #1



SCALE: 1" = 60'
DATE: 10-09-07
DRAWN BY: P.M.

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Proposed Access Road

C-1.7'
El. 33.9'

F-2.0'
El. 30.0'

Sta. 3+75

Approx. Top of Cut Slope

Approx. Toe of Fill Slope

C-0.7'
El. 32.9'

C-1.3'
El. 33.5'

C-2.8'
El. 35.0'

DATA

CATWALK

PIPE RACKS

175'

100'

75'

Flare Pit

El. 33.1'
C-0.9'

C-0.5'
El. 32.7'

Topsoil Stockpile

El. 34.4'
C-10.2'
(Btm. Pit)

100'

10'

45'

DOG HOUSE

125'

Sta. 2+00

F-2.3'
El. 29.9'

C-1.0'
El. 33.2'

RIG

WATER

TRAILER

PUMP

MUD SHED

MUD TANKS

TOILET

HOPPER

FUEL

POWER

TOOLS

FUEL

RESERVE PIT
8' DEEP

Reserve Pit Backfill & Spoils Stockpile

10' WIDE BENCH

200'

1 1/2:1 Slope

Total Pit Capacity
W/2' of Freeboard
= 16,830 Bbls.±
Total Pit Volume
= 4,920 Cu. Yds

Sta. 0+50

200'

C-0.4'
El. 32.6'

C-0.2'
El. 32.4'

STORAGE TANK

TRASH

El. 33.4'
C-9.2'
(Btm. Pit)

10'

Sta. 0+00

C-0.5'
El. 32.7'

F-1.2'
El. 31.0'

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5932.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 5932.2'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

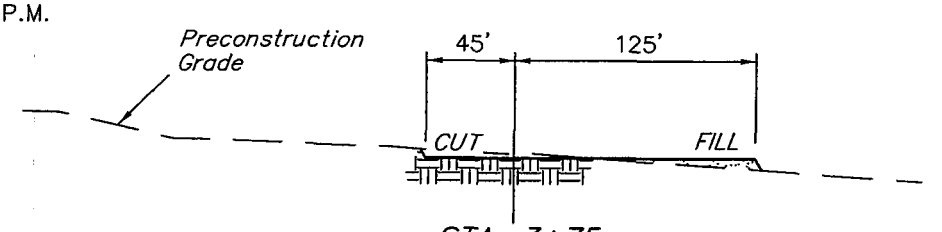
#14-7-46 BTR
SECTION 7, T4S, R6W, U.S.B.&M.
920' FSL 2130' FWL

FIGURE #2

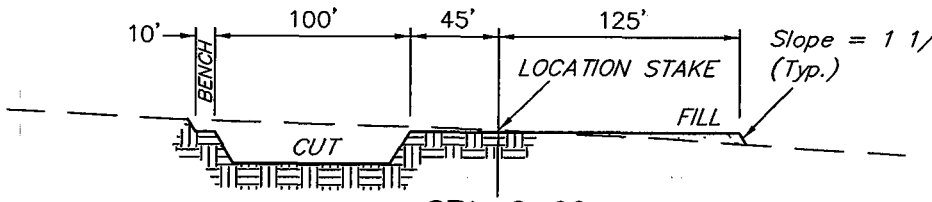
1" = 40'
X-Section Scale
1" = 100'

DATE: 10-09-07
DRAWN BY: P.M.

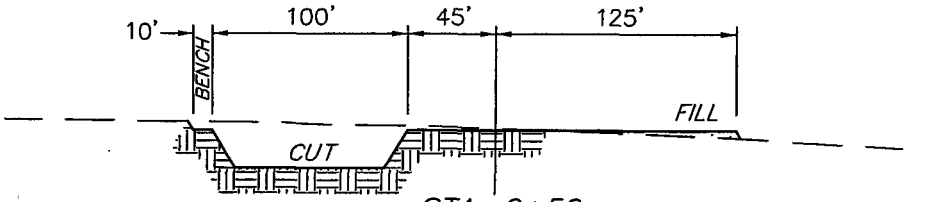
REGISTERED LAND SURVEYOR No. 161319 ROBERT KAY STATE OF UTAH



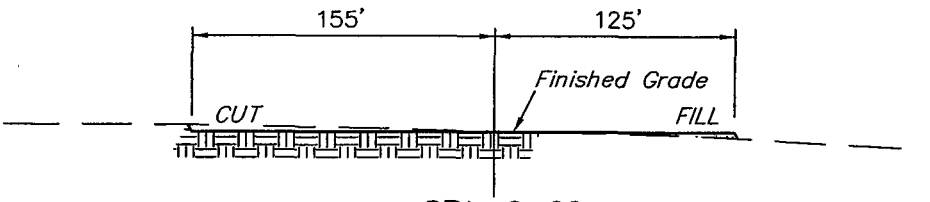
STA. 3+75



STA. 2+00



STA. 0+50



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ±3.019 ACRES
ACCESS ROAD DISTURBANCE = ±0.913 ACRES
PIPELINE DISTURBANCE = ±0.903 ACRES
TOTAL = ±4.835 ACRES

* *NOTE:*
FILL QUANTITY INCLUDES 5% FOR COMPACTION

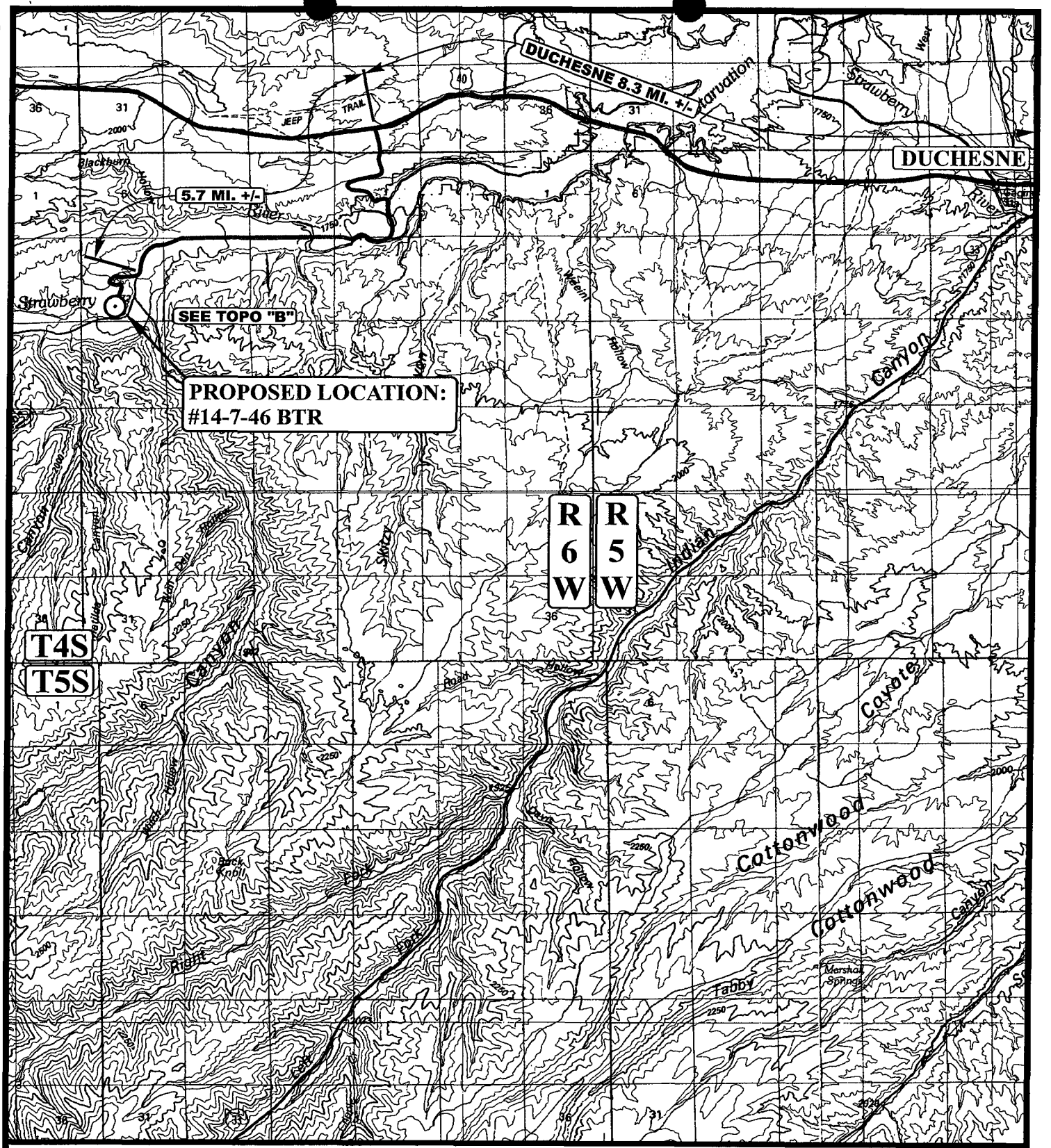
APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = *3,690* Cu. Yds.
Remaining Location = *5,610* Cu. Yds.

TOTAL CUT = *9,300* CU.YDS.
FILL = *3,150* CU.YDS.

EXCESS MATERIAL = *6,150* Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = *6,150* Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = *0* Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*



LEGEND:

⊙ PROPOSED LOCATION

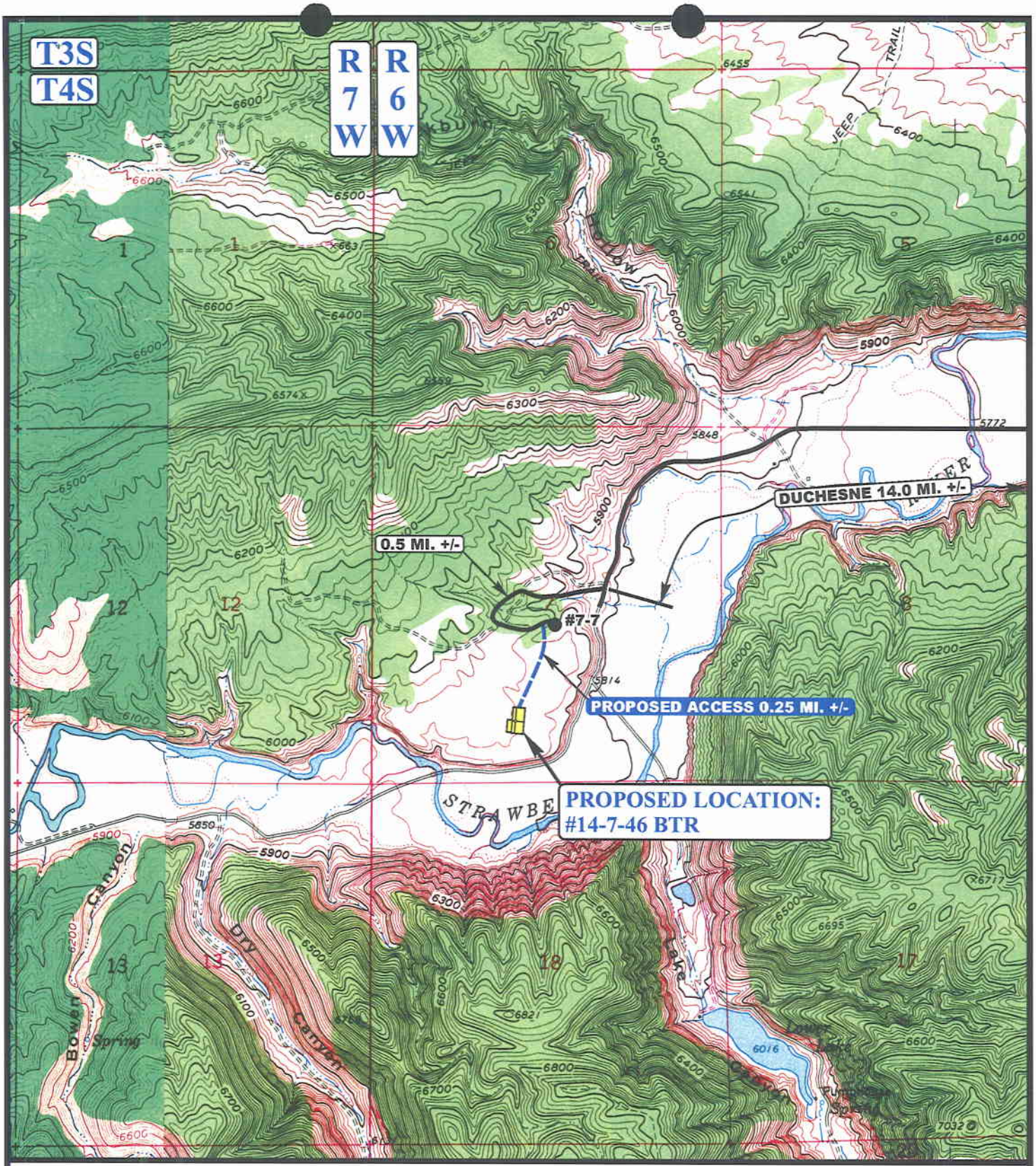
N

BERRY PETROLEUM COMPANY

#14-7-46 BTR
SECTION 7, T4S, R6W, U.S.B.&M
920' FSL 2130' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	15 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

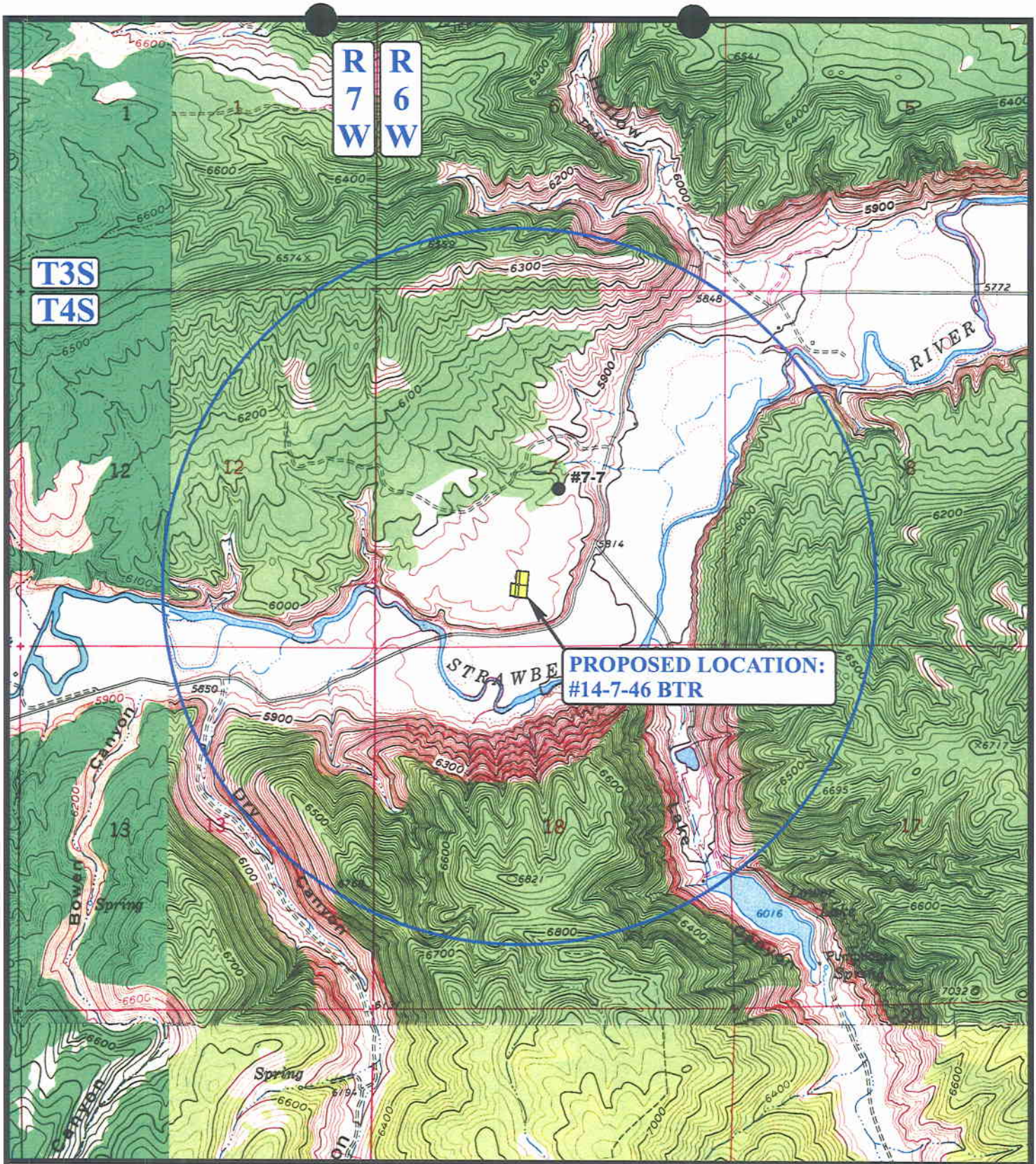
N

BILL BARRETT CORPORATION

#14-7-46 BTR
SECTION 7, T4S, R6W, U.S.B.&M
920' FSL 2130' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	15 DAY	07 YEAR
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00	B TOPO



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

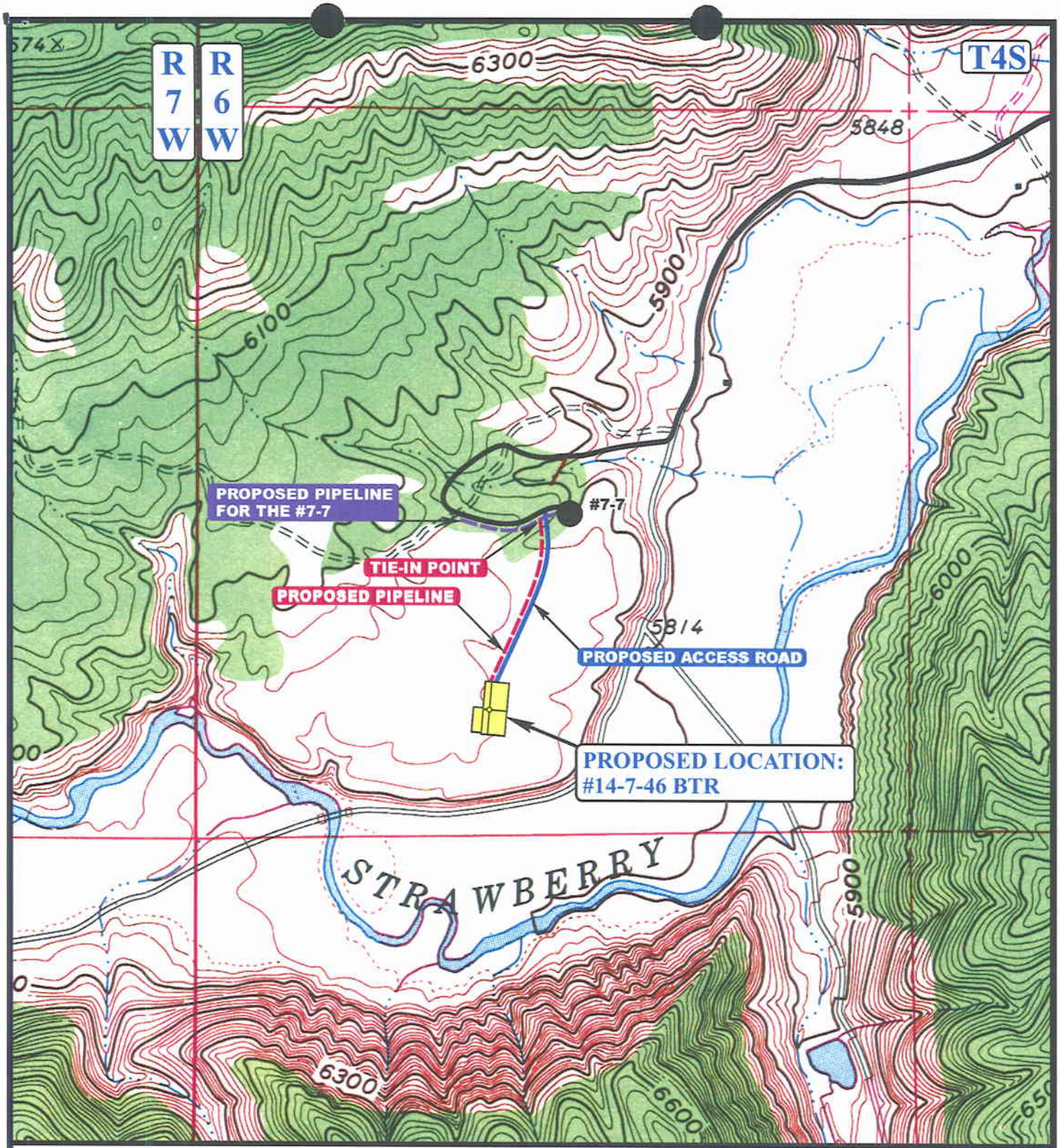
N

BILL BARRETT CORPORATION

#14-7-46 BTR
SECTION 7, T4S, R6W, U.S.B.&M
920' FSL 2130' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	15 DAY	07 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,340' +/-

LEGEND:

PROPOSED ACCESS ROAD

PROPOSED PIPELINE

PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

BILL BARRETT CORPORATION

#14-7-46 BTR
SECTION 7, T4S, R6W, U.S.B.&M
920' FSL 2130' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	15 DAY	07 YEAR
SCALE: 1" = 1000'	DRAWN BY: C.P.	REVISED: 00-00-00	D TOPO

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/13/2007

API NO. ASSIGNED: 43-013-33806

WELL NAME: 14-7-46 BTR

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303-312-8546

CONTACT: REED HADDOCK

PROPOSED LOCATION:

SESW 07 040S 060W

SURFACE: 0920 FSL 2130 FWL

BOTTOM: 0920 FSL 2130 FWL

COUNTY: DUCHESNE

LATITUDE: 40.14283 LONGITUDE: -110.6065

UTM SURF EASTINGS: 533524 NORTHINGS: 4443474

FIELD NAME: ALTAMONT (55)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 20G0005608

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: NHORN

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[2] Sta[] Fee[]
(No. WYB000040)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit:

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 139-42

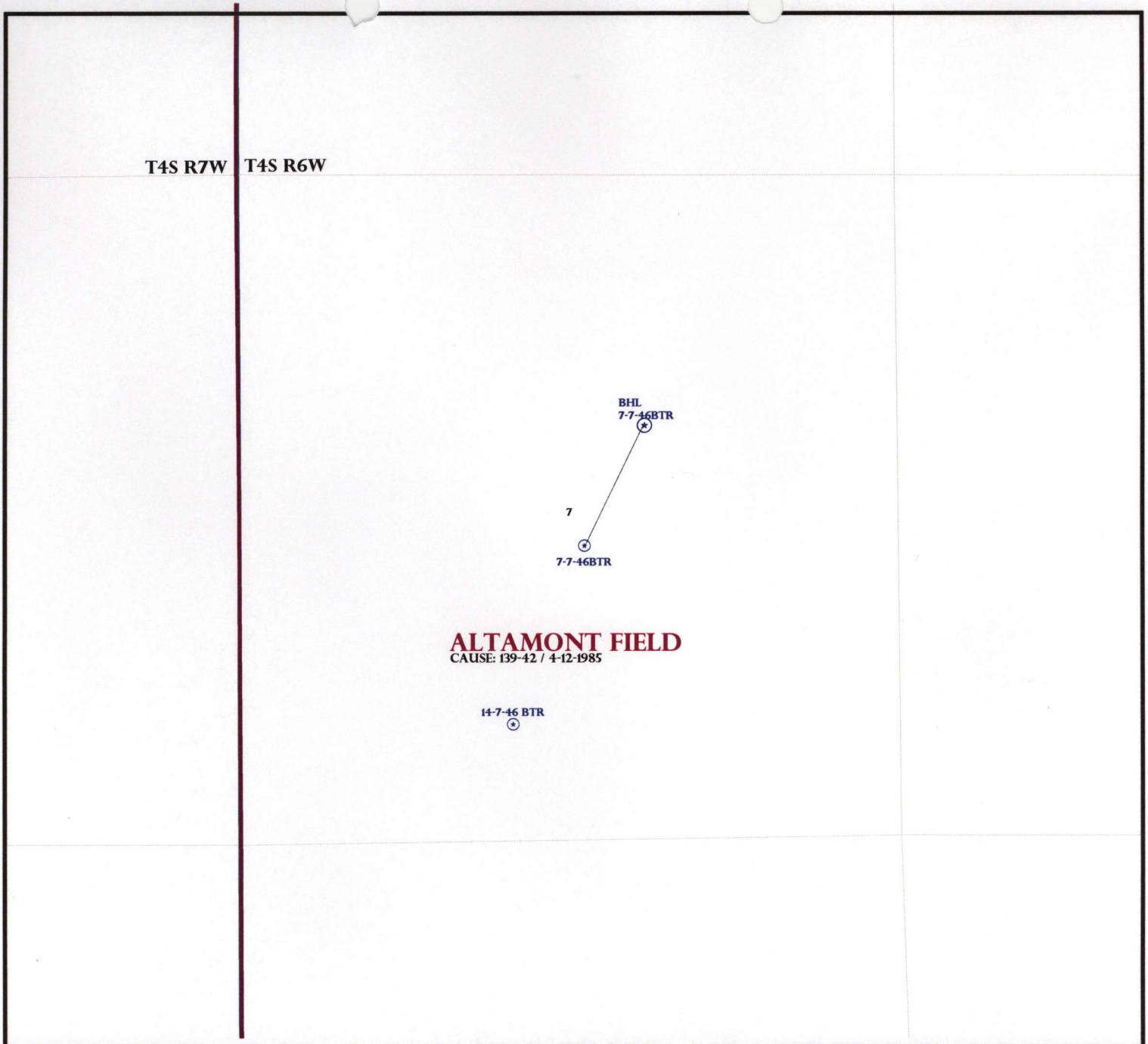
Eff Date: 4-12-1985

Siting: 1060' Fr. ext u bdry & 1320' fr other wells.

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval
2. Spacing Stip



OPERATOR: BILL BARRETT CORP (N2165)

SEC: 7 T.4S R. 6W

FIELD: ALTAMONT (55)

COUNTY: DUCHESNE

CAUSE: 139-42 / 4-12-1985

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 16-NOVEMBER-2007

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

November 19, 2007

Bill Barrett Corporation
1099 18th St., Ste. 2300
Denver, CO 80202

Re: 14-7-46 BTR Well, 920' FSL, 2130' FWL, SE SW, Sec. 7, T. 4 South, R. 6 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33806.

Sincerely,

Don Hunt

for Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Bill Barrett Corporation

Well Name & Number 14-7-46 BTR

API Number: 43-013-33806

Lease: 2OG0005608

Location: SE SW **Sec.** 7 **T.** 4 South **R.** 6 West

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Bill Barrett Corporation

43-013-33806

December 27, 2007

Utah Division of Oil, Gas and Mining
P.O. Box 145801
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

1-5-45 BTR
Lot 1, NENE, Section 5-T4S-R5W
Tribal Surface/Tribal Minerals
Duchesne County, Utah

7-8-45 BTR
Tribal Surface/Tribal Minerals
SWNE, Section 8-T4S-R5W
Duchesne County, Utah

14-7-46 BTR
Tribal Surface/Tribal Minerals
SESW, Section 7-T4S-R6W
Duchesne County, Utah

Diana Mason, Environmental Scientist I:

Enclosed please find a copy of the Cultural Resources Inventory for the Proposed Pipelines for the 1-5-45 BTR, the 7-8-45 BTR, and the 14-7-46 BTR well locations. Montgomery Archeological Consultants conducted a Class III archeological survey for these locations and documented their findings in the enclosed report dated December 24, 2007, stating "no cultural resources were located during this investigation". The report is identified as MOAC Report No. 07-340b.

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sincerely,

Reed Haddock

Reed Haddock
Permit Analyst

Enclosures

RECEIVED
DEC 31 2007
DIV. OF OIL, GAS & MINING

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

CULTURAL RESOURCE INVENTORY OF BILL BARRETT CORPORATION'S PROPOSED PIPELINES FOR #1-5-45 BTR, #7-8-45 BTR, AND #14-7-46 BTR WELL LOCATIONS DUCHESNE COUNTY, UTAH

CULTURAL RESOURCE INVENTORY OF BILL BARRETT CORPORATION'S PROPOSED PIPELINES FOR #1-5-45 BTR, #7-8-45 BTR, AND #14-7-46 BTR WELL LOCATIONS DUCHESNE COUNTY, UTAH

By:

Keith R. Montgomery

Prepared For:

Ute Indian Tribe
Uintah and Ouray Agency

Prepared Under Contract With:

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 07-340b

December 24, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-1453i

Ute Tribal Permit No. A07-363

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) in November 2007 for Bill Barrett Corporation's (BBC) proposed access/pipeline corridors for well locations: #1-5-45 BTR, #7-8-45 BTR, and #14-7-46 BTR. The project area is along the Strawberry River near Lake Canyon, southwest of the town of Duchesne, Utah. The survey was implemented at the request of Mr. Reed Haddock, Bill Barrett Corporation, Denver, Colorado. Land status is Ute Indian Tribe (Uintah-Ouray Agency).

The objectives of the inventory were to locate, document, and evaluate any cultural resources within the project area in accordance with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Historic Preservation Act (NHPA) of 1969 (as amended), the Archaeological and Historic Conservation Act of 1974, the Archaeological Resources Protection Act of 1979, and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed on November 30, 2007 by Keith R. Montgomery (Principal Investigator). The inventory was completed under the auspices of U.S.D.I. (FLPMA) Permit No. 07-UT-60122, Ute Tribal Permit No. A07-363, and State of Utah Antiquities Permit (Survey) No. U-07-MQ-1453i issued to Montgomery Archaeological Consultants, Moab, Utah.

A file search for previous projects and documented cultural resources was conducted by Marty Thomas at the Division of State History, Salt Lake City, on March 22, 2007. In addition, an in house file search was conducted on November 29, 2007 by Keith Montgomery. These consultations indicated that four inventories have been conducted in the area. In 1995, Archeological Research Consultants conducted a cultural and paleontological resource inventory of proposed bridge replacements for the Strawberry and Duchesne Rivers (Norman 1995). No cultural resources were located during this investigation. In 2007, two cultural resource inventories were conducted by MOAC for BBC's proposed 7-7-46 BTR well and associated pipeline (Montgomery 2007; Bond 2007). No cultural resources were located during either inventory. In October 2007, an inventory conducted by MOAC of BBC's well locations #1-5-45 BTR, #7-8-45 BTR, and #14-7-46 BTR resulted in the location of no cultural resources (Russell 2007).

DESCRIPTION OF PROJECT AREA

The project area is located around the Strawberry River in Duchesne County, Utah. The legal description is Township 4S, Range 5W, Sections 4, 5, 8, and 9; and Township 4S, Range 6W, Section 7 (Figures 1 and 2). A total of 59 acres was inventoried on the Ute Tribal land (Uintah-Ouray Agency).

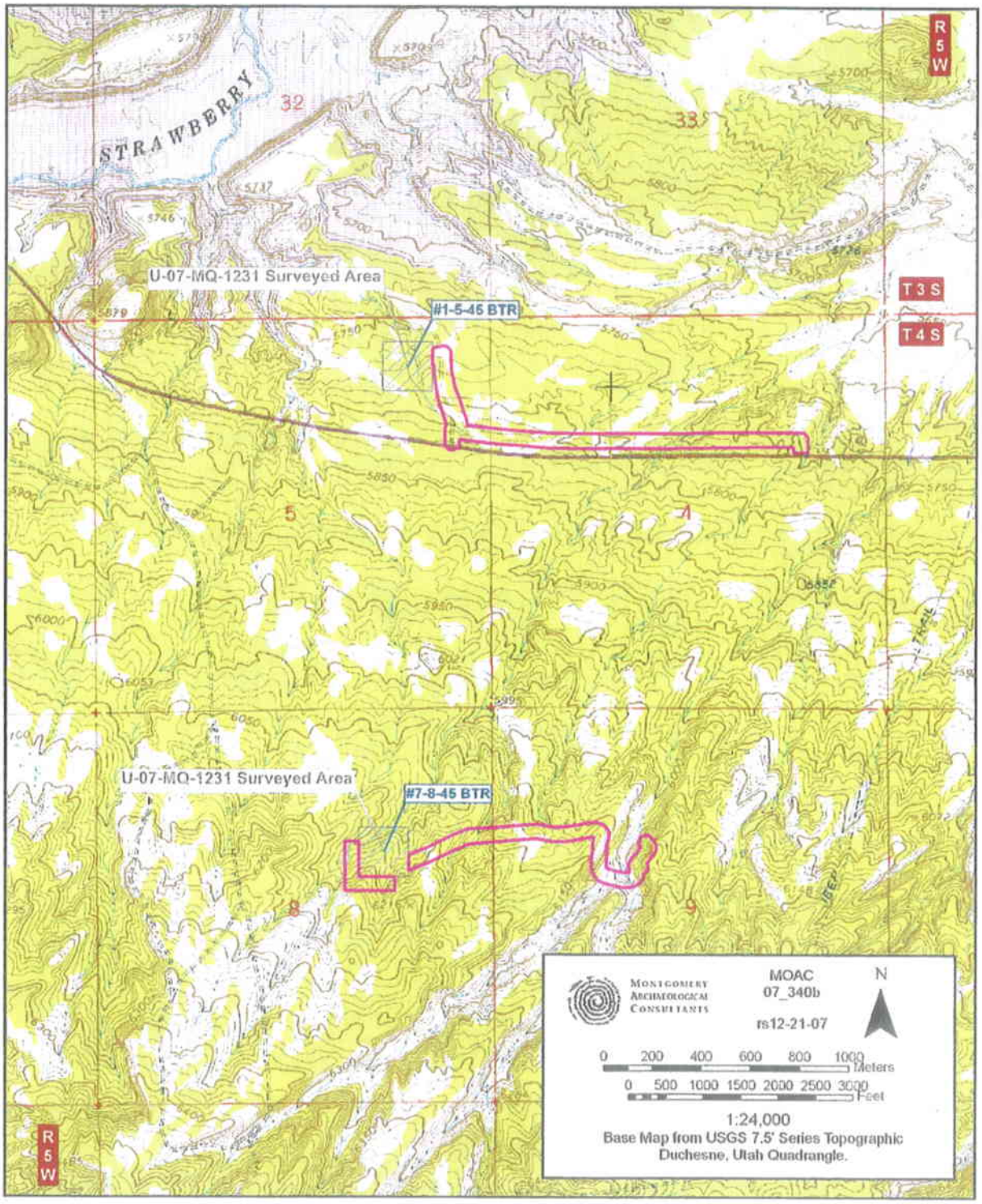


Figure 1. Inventory Area of Bill Barrett's Proposed Access/Pipeline Corridor for #1-5-45 BTR and #7-8-45 Well Locations, Uintah County, Utah.

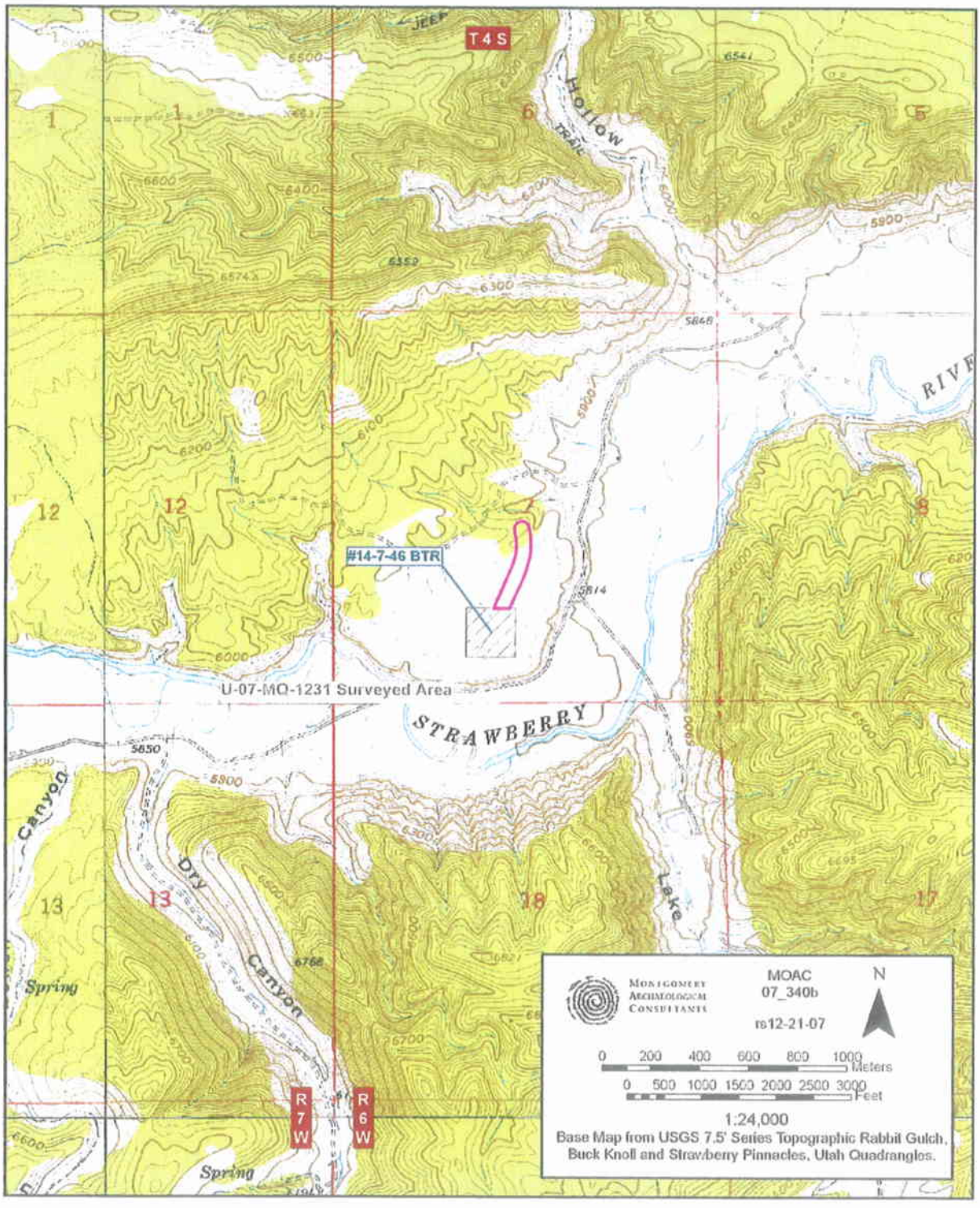


Figure 2. Inventory Area of Bill Barrett's Proposed Access/Pipeline Corridor for #14-7-46 BTR Well Location, Uintah County, Utah.

The project area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The area is characterized by steep-sided narrow ridges and benches dissected by intermittent drainages. Outcrops of the Uinta formation are characterized by a dense dendritic drainage pattern and topographic relief. This Eocene-age formation occurs as fluvial deposited interbedded sandstone and mudstone, and is well-known for its fossil vertebrate turtles, crocodilians, fish, and mammals. Elevation of the project area ranges between 5740 ft and 6180 ft a.s.l. The vegetation is dominated by a juniper-sagebrush vegetation community along with prickly pear cactus and various grasses. Modern disturbances include livestock grazing and roads.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The proposed pipeline corridor was surveyed to a width of 31 m (100 ft) by the archaeologist walking parallel transects spaced no more than 10 m (33 ft) apart. Ground visibility was considered good. A total of 59 acres was inventoried on Ute Tribal land (Uintah-Ouray Agency).

RESULTS AND RECOMMENDATIONS

The inventory of Bill Barrett Corporation's proposed access/pipeline corridors for well locations: #1-5-45 BTR, #7-8-45 BTR, and #14-7-46 BTR resulted in the finding of no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.

REFERENCES CITED

Bond, M. C.
2007 Cultural Resource Inventory of Bill Barrett Corporation's Proposed 7-7-46 BTR Pipeline in Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-07-MQ-0536i.

Montgomery, J.A.
2007 Cultural Resource Inventory of Bill Barrett Corporation's Proposed 7-7-46 BTR Well Location and Access Route Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-07-MQ-0139i.

Norman, G. V.
1995 A Cultural and Paleontological Resource Inventory of Proposed Bridge Replacements, Strawberry River and Duchesne River, Duchesne County, Utah. Archeological Research Consultants, American Fork, Utah. Report No. U-95-AK-289p,s.

Russell, H.
2007 Cultural Resource Inventory of Bill Barrett Corporation's Proposed Well Locations: #1-5-45 BTR, #7-8-45 BTR, and #14-7-46 BTR Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-07-MQ-1231i.

Stokes, W.L.
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey. Salt Lake City.

4006m

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allotee or Tribe Name
ute Indian Tribe

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
N/A

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
14-7-46 BTR

2. Name of Operator Bill Barrett Corporation

9. API Well No.
43 013 33806

3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. *(include area code)* (303) 312-8546

10. Field and Pool, or Exploratory
Altamont

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface SESW, 920' x 2130' FWL, Sec. 7, T4S, R6W

At proposed prod. zone Same

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 7, T4S, R6W U.S.B.&M.

14. Distance in miles and direction from nearest town or post office*
Approximately 14.75 miles southeast of Duchesne, UT

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 920' SHL

16. No. of acres in lease
N/A

17. Spacing Unit dedicated to this well
640

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,500' completed well

19. Proposed Depth
8,074'

20. BLM/BIA Bond No. on file
Nationwide Bond # WYB000040

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5933' Ungraded Ground

22. Approximate date work will start*
03/01/2008

23. Estimated duration
45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Reed Haddock — Name *(Printed/Typed)* Reed Haddock — Date 11/12/2007

Title
Permit Analyst

Approved by *(Signature)* — Name *(Printed/Typed)* — Date 5-15-2008

Title Assistant Field Manager Lands & Mineral Resources — Office VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
MAY 19 2008
DIV. OF OIL, GAS & MINING

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Bill Barrett Corp.**	**Location:**	**SESW, Sec. 7, T4S, R6W**
Well No:	**14-7-46 BTR**	**Lease No:**	**2OG0005608**
API No:	**43-013-33806**	**Agreement:**	**N/A**

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- A 1325.76' by 30' corridor access road right-of-way shall be approved.
- A 1310.94' by 30' corridor pipeline right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the *"umbrella"* of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

    - Paint equipment Olive Black.
    - If a power line is installed, keep poles and anchors within access road corridor.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- BBC shall notify the authorized officer 24 hours prior to implementing the "contingency" plan.
- All BOPE including the choke manifold shall be rated for 5M.
- Casing shoe integrity tests shall be performed on all shoes prior to drilling on more than 20'.
- The production casing cement top shall be a minimum of 200' above the surface shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **Bill Barrett Corp.**

Well Name: **14-7-46 BTR**

API No: **43-013-33806** Lease Type: **Indian**

Section **07** Township **04S** Range **06W** County **Duchesne**

Drilling Contractor **Craig's Roustabout Services** Rig # **1**

SPUDDED:

Date **6-09-08**

Time **2:00 PM**

How **Dry**

Drilling will Commence:

Reported by **John Findlay findlaywell@yahoo.com**

Telephone #

Date 6-09-08 Signed RM

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator: **Bill Barrett Corporation**

3a. Address: **1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. *(include area code)*: **303-312-8546**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*:
920' FSL, 2130' FWL
SESW, Section 7, T4S, R6W

5. Lease Serial No.: **BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name: **UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.: **N/A**

8. Well Name and No.: **# 14-7-46 BTR**

9. API Well No.: **43-013-33806**

10. Field and Pool, or Exploratory Area: **ALTAMONT**

11. County or Parish, State: **DUCHESNE COUNTY**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Well Spud**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS SUNDRY IS BEING SUBMITTED AS NOTIFICATION OF WELL SPUD ON 6/10/2008.

RECEIVED
JUN 11 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Reed Haddock** Title **Permit Analyst**

Signature: Reed Haddock Date **06/09/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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SESW, Section 7, T4S, R6W

5. Lease Serial No.: **BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name: **UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.: **N/A**

8. Well Name and No.: **# 14-7-46 BTR**

9. API Well No.: **43-013-33806**

10. Field and Pool, or Exploratory Area: **ALTAMONT**

11. County or Parish, State: **DUCHESNE COUNTY**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Bill Barrett Corporation (BBC) is proposing to drill the 14-7-46 BTR with slimmer hole sizes. Due to the rising costs of steel and our condfidence drilling this portion of the field BBC is proposing to drill a 12-1/4" surface hole on this well (as opposed to the 14-3/4" in the original APD), we will run and cement a 9-5/8" casing string to a depth of 2,300'. The increased depth of the surface casing will allow the shallow lost circulation zones to be isolated via our 9-5/8" casing. BBC also proposes drilling a slimmer production hole section: 8-3/4" as compared to the proposed 9-7/8". We will then run and cement a 5-1/2" production casing string back to surface with a lighter blend of cement to ensure that top of cement is adequate. Please review the attached casing designs and cement proposals detailing our proposed action for this well.

Feel free to call Dominic Spencer (303) 312-8164 with any questions regarding BBC's proposed plan for this well.

COPY SENT TO OPERATOR

Date: 6·26·2008

Initials: KS

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Reed Haddock** Title **Permit Analyst**

Signature: Reed Haddock Date **06/12/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Accepted by the Utah Division of Oil, Gas and Mining

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

By: _____

RECEIVED

JUN 16 2008

DIV. OF OIL, GAS & MINING

Well name:	**14-7-46 BTR**
Operator:	**Bill Barrett Corporation**
String type:	Surface
Location:	SESW Sec. 7, T4S-R6W Duchesne County, UT

Design parameters:

Collapse

Mud weight: 8.90 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,047 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 1,553 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.80 (J)
Premium:	1.80 (J)
Body yield:	1.80 (B)

Tension is based on buoyed weight.

Neutral point: 1,997 ft

Environment:

H2S considered?	No
Surface temperature:	70.00 °F
Bottom hole temperature:	98 °F
Temperature gradient:	1.22 °F/100ft
Minimum section length:	1,500 ft
Cement top:	Surface

Non-directional string.

Re subsequent strings:

Next setting depth:	8,074 ft
Next mud weight:	10.600 ppg
Next setting BHP:	4,446 psi
Fracture mud wt:	13.000 ppg
Fracture depth:	2,300 ft
Injection pressure	1,553 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	2300	9.625	36.00	J-55	ST&C	2300	2300	8.796	163.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1063	2020	1.900	1553	3520	2.27	72	394	5.48 J

Prepared by: Dominic Spencer / Bill Barrett

Phone: (303) 312-8164

FAX: (303) 291-0420

Date: June 6,2008

Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.9 ppg The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	**14-7-46 BTR**
Operator:	**Bill Barrett Corporation**
String type:	Production
Location:	SESW Sec. 7, T4S-R6W Duchesne County, UT

Design parameters:

Collapse

Mud weight: 10.60 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,670 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 4,446 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.

Neutral point: 6,776 ft

Environment:

H2S considered?	No
Surface temperature:	70.00 °F
Bottom hole temperature:	169 °F
Temperature gradient:	1.22 °F/100ft
Minimum section length:	1,500 ft
Cement top:	2300 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	8074	5.5	17.00	P-110	LT&C	8074	8074	4.767	278.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4446	7480	1.682	4446	10640	2.39	115	445	3.86 J

Prepared by: Dominic Spencer / Bill Barrett

Phone: (303) 312-8164

FAX: (303) 291-0420

Date: June 6,2008

Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 8074 ft, a mud weight of 10.6 ppg The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

HALLIBURTON

Bill Barrett Corporation E-bill
Do Not Mail-1099 18th St,ste 2300w
Denver, Colorado 80202

Black Tail Ridge 14-7-46
Cedar Rim Field
Duchesne County, Utah
United States of America
S:29 T:3S R:6W

Cement Surface Casing

Prepared for: Dominic Spencer
June 6, 2008
Version: 1

Submitted by:
Jared Fenton
Halliburton
1125 17th Street #1900
Denver, Colorado 80202
303.249.7704

HALLIBURTON

HALLIBURTON

Job Information — *Cement Production Casing*

Well Name: Black Tail Ridge	Well #: 14-7-46
Surface Casing	0 - 2300 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
Casing Grade	J-55
Open Hole	0 - 2300 ft (MD)
Inner Diameter	12.250 in
Job Excess	75 %
Mud Type	Water Based Mud
Mud Weight	8.900 lbm/gal
BHST	98 degF

HALLIBURTON

Calculations — *Cement Production Casing*

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Cement : (1500.00 ft fill)

1500.00 ft * 0.3132 ft^3/ft * 75 %	= 822.12 ft^3
Total Lead Cement	= 822.12 ft^3
	= 146.43 bbl
Sacks of Cement	= 452 sks

Cement : (800.00 ft fill)

800.00 ft * 0.3132 ft^3/ft * 75 %	= 438.46 ft^3
Tail Cement	= 438.46 ft^3
	= 78.09 bbl

Shoe Joint Volume: (0.00 ft fill)

0.00 ft * 0.4341 ft^3/ft	= 0.00 ft^3
	= 0.00 bbl
Tail plus shoe joint	= 438.46 ft^3
	= 78.09 bbl
Total Tail	= 366 sks

Total Pipe Capacity:

2300.00 ft * 0.4341 ft^3/ft	= 998.35 ft^3
	= 177.81 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 177.81 bbl - 0.00 bbl
	= 177.81 bbl

HALLIBURTON

Job Recommendation — *Cement Production Casing*

Fluid Instructions

Fluid 1: Water Spacer

Water Spacer

0.42 lbm/bbl Halliburton Gel (Light Weight Additive)

0.125 lbm/bbl Poly-E-Flake (Lost Circulation Additive)

Fluid Density:	8.340 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Lead Cement

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	12.700 lbm/gal
Slurry Yield:	1.819 ft^3/sk
Total Mixing Fluid:	9.716 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	1500 ft
Volume:	146.425 bbl
Calculated Sacks:	451.961 sks
Proposed Sacks:	455 sks

Fluid 3: Tail Cement

Premium Cement

2 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	15.600 lbm/gal
Slurry Yield:	1.197 ft^3/sk
Total Mixing Fluid:	5.238 Gal/sk
Top of Fluid:	1500 ft
Calculated Fill:	800 ft
Volume:	78.093 bbl
Calculated Sacks:	366.301 sks
Proposed Sacks:	370 sks

HALLIBURTON

Bill Barrett Corporation E-bill
Do Not Mail-1099 18th St,ste 2300w
Denver, Colorado 80202

Black Tail Ridge 14-7-46
Cedar Rim Field
Duchesne County, Utah
United States of America
S:29 T:3S R:6W

Cement Production Casing

Prepared for: Dominic Spencer
June 6, 2008
Version: 1

Submitted by:
Jared Fenton
Halliburton
1125 17th Street #1900
Denver, Colorado 80202
303.249.7704

HALLIBURTON

HALLIBURTON

Job Information — *Cement Production Casing*

Well Name: Black Tail Ridge	Well #: 14-7-46
Surface Casing	0 - 2300 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
Casing Grade	J-55
Open Hole	2300 - 8074 ft (MD)
Inner Diameter	8.750 in
Job Excess	25 %
Production Casing	0 - 8074 ft (MD)
Outer Diameter	5.500 in
Inner Diameter	4.892 in
Linear Weight	17 lbm/ft
Casing Grade	P-110
Mud Type	Water Based Mud
Mud Weight	10.600 lbm/gal
BHST	169 degF

HALLIBURTON

Calculations — Cement Production Casing

Spacer:

104.00 ft * 0.2691 ft^3/ft * 0 %	= 27.98 ft^3
Total Spacer	= 28.07 ft^3
	= 5.00 bbl

Spacer:

835.00 ft * 0.2691 ft^3/ft * 0 %	= 224.68 ft^3
Total Spacer	= 224.58 ft^3
	= 40.00 bbl

Spacer:

104.00 ft * 0.2691 ft^3/ft * 0 %	= 27.98 ft^3
Total Spacer	= 28.07 ft^3
	= 5.00 bbl

Cement : (719.00 ft fill)

244.00 ft * 0.2691 ft^3/ft * 0 %	= 65.65 ft^3
475.00 ft * 0.2526 ft^3/ft * 25 %	= 149.98 ft^3
Total Scavenger	= 215.63 ft^3
	= 38.41 bbl
Sacks of Cement	= 50 sks

Cement : (1225.00 ft fill)

1225.00 ft * 0.2526 ft^3/ft * 25 %	= 386.79 ft^3
Total Lead Cement	= 386.79 ft^3
	= 68.89 bbl
Sacks of Cement	= 133 sks

Cement : (4074.00 ft fill)

4074.00 ft * 0.2526 ft^3/ft * 25 %	= 1286.34 ft^3
Tail Cement	= 1286.34 ft^3
	= 229.11 bbl

Shoe Joint Volume: (0.00 ft fill)

0.00 ft * 0.1305 ft^3/ft	= 0.00 ft^3
	= 0.00 bbl
Tail plus shoe joint	= 1286.34 ft^3
	= 229.11 bbl
Total Tail	= 401 sks

Total Pipe Capacity:

8074.00 ft * 0.1305 ft^3/ft	= 1053.87 ft^3
	= 187.70 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 187.70 bbl - 0.00 bbl
	= 187.70 bbl

Fluid Instructions

Fluid 1: Water Spacer

5 bbl Water

Fluid Density:	8.330 lbm/gal
Fluid Volume:	5 bbl

Fluid 2: Reactive Spacer

Super Flush 101 XLC

4.16667 gal/Mgal LGC-35 CBM (Gelling Agent)

40 bbl

1 lbm/bbl Tuf Fiber 594 (Lost Circulation Additive)

Fluid Density:	10 lbm/gal
Fluid Volume:	

Fluid 3: Water Spacer

5 bbl Water

Fluid Density:	8.330 lbm/gal
Fluid Volume:	5 bbl

Fluid 4: 10.5# CBM Lite (Type V)

VARICEM (TM) CEMENT

0.3 % SteelSeal (Additive Material)

1 lbm/sk Pheno Seal - Blend (Lost Circulation Additive)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

1 lbm/sk Tuf Fiber 594 (Lost Circulation Additive)

Fluid Weight	10.500 lbm/gal
Slurry Yield:	4.312 ft^3/sk
Total Mixing Fluid:	27.925 Gal/sk
Top of Fluid:	2056 ft
Calculated Fill:	719 ft
Volume:	38.400 bbl
Calculated Sacks:	50 sks
Proposed Sacks:	50 sks

Fluid 5: Highbond 75

HALCEM (TM) SYSTEM

0.2 % HR-5 (Retarder)

0.25 lbm/sk Poly-E-Flake (Lost Circulation Additive)

5 lbm/sk Gilsonite (Lost Circulation Additive)

Fluid Weight	10.700 lbm/gal
Slurry Yield:	2.917 ft^3/sk
Total Mixing Fluid:	17.263 Gal/sk
Top of Fluid:	2775 ft
Calculated Fill:	1225 ft
Volume:	68.889 bbl
Calculated Sacks:	132.597 sks
Proposed Sacks:	135 sks

Fluid 6: Tuned Light RS1

TUNED LIGHT (TM) SYSTEM

Fluid Weight	11.500 lbm/gal

0.2 %	Super CBL (Expander)	Slurry Yield:	3.208 ft^3/sk
0.2 %	HR-5 (Retarder)	Total Mixing Fluid:	18.558 Gal/sk
		Top of Fluid:	4000 ft
		Calculated Fill:	4074 ft
		Volume:	229.107 bbl
		Calculated Sacks:	400.979 sks
		Proposed Sacks:	405 sks

Fluid 7: Water Based Spacer

Clay Fix II

0.1 gal/bbl	Clayfix II (Clay Control)	Fluid Density:	8.400 lbm/gal
		Fluid Volume:	187.703 bbl

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator: **Bill Barrett Corporation**

3a. Address: **1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. *(include area code)*: **303-312-8546**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*:
920' FSL, 2130' FWL
SESW, Section 7, T4S, R6W

5. Lease Serial No.: **BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name: **UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.: **N/A**

8. Well Name and No.: **# 14-7-46 BTR**

9. API Well No.: **43-013-33806**

10. Field and Pool, or Exploratory Area: **ALTAMONT**

11. County or Parish, State: **DUCHESNE COUNTY**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Weekly Drilling Activity**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 6/21/2008 - 6/23/2008.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Reed Haddock** Title **Permit Analyst**

Signature: Reed Haddock Date **06/23/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
JUN 25 2008
DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Operations Date : 6/23/2008
Report # : 3
Depth At 06:00 : 974.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/23/2008 Days From Spud : 0
Morning Operations : R/U.

Time To	Description
12:00 PM	R/U
2:00 PM	P/U & ORIENTATE MWD. TOOLS. STRAP B.H.A.
5:30 PM	DRLG. 12 1/4" SURFACE HOLE F/ 76' TO 268'
6:00 PM	RIG SERVICE
6:00 AM	DRLG. 12 1/4" SURFACE HOLE F/ 268' TO 974'

Remarks :

DSLTA:169
Safety Meetings
(320)JTS 4.5"XH "G-105" DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL: gallons 6710
USED: gallons 614

TOTAL FUEL USED: gallons
Daily water hauled:17030 BBLS
Total water hauled: BBLS
Acc:2500psi
Man:2500psi
Ann:12000psi
Fluid:13"
Call B.L.M. with notification of spud on 06-20-08 @ 9:00 am.
BOP Drills: Crew 1: 55 SECONDS CREW 2: 45 SECONDS

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Operations Date : 6/22/2008
Report # : 2
Depth At 06:00 :
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/23/2008 Days From Spud : 0
Morning Operations : Move & R/U.

Time To	Description
6:00 AM	Move on new location & rig up rotary tools.

Remarks :

DSLTA:168
Safety Meetings
(320)JTS 4.5"XH "G-105" DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL: gallons
USED: gallons
TOTAL FUEL USED: gallons
Daily water hauled:0 BBLS
Total water hauled: BBLS
Acc:2500psi
Man:2500psi
Ann:12000psi
Fluid:13"
Call B.L.M. with notification of spud on 06-20-08 @ 9:00 am.
BOP Drills: Crew 1: 55 SECONDS CREW 2: 45 SECONDS

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 6/21/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 1
Depth At 06:00 :
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/23/2008 Days From Spud : 0
Morning Operations : Moving

Time To	Description
6:00 PM	Rig down/move to new location While moving rotary tools Tri state bed truck with motor/compound shed hooked power line and held up rig and camp move 6 to 7 hrs.
6:00 AM	Rig idle overnight

Remarks :

DSLTA:167
Safety Meetings
(320)JTS 4.5"XH "G-105" DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL: gallons
USED: gallons
TOTAL FUEL USED: gallons
Daily water hauled:0 BBLS
Total water hauled: BBLS
Acc:2500psi
Man:2500psi
Ann:12000psi
Fluid:13"
BOP Drills: Crew 1: 55 SECONDS CREW 2: 45 SECONDS

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☐ ☐ ☑ Gas Well ☐☐ ☐ Other

8. Well Name and No.
 # 14-7-46 BTR

2. Name of Operator **Bill Barrett Corporation**

9. API Well No.
43-013-33806

3a. Address
1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. *(include area code)*
303-312-8546

10. Field and Pool, or Exploratory Area
ALTAMONT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
920' FSL, 2130' FWL
SESW, Section 7, T4S, R6W

11. County or Parish, State
DUCHESNE COUNTY

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Weekly Drilling Activity**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 6/23/2008 - 6/30/2008.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Reed Haddock** Title **Permit Analyst**

Signature Reed Haddock Date **06/30/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
JUL 02 2008
DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 6/30/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 10
Depth At 06:00 : 3756.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/23/2008 Days From Spud : 7
Morning Operations : Drilling ahead

Time To	Description
2:30 PM	Drill f/ 2714'ft to 3093'ft-Sliding 1 Rot-5
3:00 PM	Rig service
6:00 AM	Drill f/ 3093'ft to 3756'ft-Sliding 1 Rot-2

Remarks :

DSLTA:176
Safety Meetings:Mouse hole;Connections
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:5953 gallons
USED:945 gallons
TOTAL FUEL USED:5982 gallons
Daily water hauled: 0 BBLS
Total water hauled: 7884 BBLS
Acc:2700psi
Man:2700psi
Ann:750psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 6/29/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 9
Depth At 06:00 : 2714.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/23/2008 Days From Spud : 6
Morning Operations : Drilling ahead

Time To	Description
10:30 AM	Finish testing BOP's
12:30 PM	MU/ rerun milltooth bit & TIH
3:30 PM	Drill float collar,shoe,cement & 15'ft of new hole to 2370'ft.
5:00 PM	Circulate hole clean and bring vis up to 30/sec/qt.-Perform EMW test to 10.0ppg
6:30 PM	TOH f/directional tools
8:00 PM	PU/MU directional tools;Orient tools
9:00 PM	TIH w/directional tools & bit # 3
6:00 AM	Drill f/ 2370'ft to 2714'ft-Sliding 30% time

Remarks :

DSLTA:175
Safety Meetings:Mixing mud;New personnel
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:6898 gallons
USED:473 gallons
TOTAL FUEL USED:5037 gallons
Daily water hauled: 390 BBLS
Total water hauled: 7884 BBLS
Acc:2500psi
Man:2500psi
Ann:750psi
Fluid:15"

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 6/28/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 8
Depth At 06:00 : 2323.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/23/2008 Days From Spud : 5

Morning Operations : Testing BOP's

Time To	Description
9:00 AM	Watch cement to see if it falls back.Gas pushing cement out of backside.
12:00 PM	Pump 13bbls 15.8#Class G cement down backside of casing w/180'ft of 1"pipe.Let cement setup f/3 hrs..Backside still flowing gas & water to surface.
4:30 PM	Pump 10bbls 15.8# Class G cement down backside w/40'ft of 1"pipe.Let cement setup 4hrs.Backside still bubbling small amount.RD/Halliburton.
2:00 AM	Laydown landing joint.PU/NU BOP & rotating head assembly.Wait on Wellhead Inc to install wellhead flange.Change to 5" ram blocks in BOP.
6:00 AM	Test BOP's:Test Floor valves,kelly,blind rams,pipe rams,kill line valve,HCR,4"Manual valve,&choke manifold to 250#psi low& 5000#psi high.Tested annular & casing to 1500#psi
6:00 PM	WOC

Remarks :

DSLTA:174
Safety Meetings:Well control;Nipple up BOP
(320)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:7371 gallons
USED:283 gallons
TOTAL FUEL USED:4564 gallons
Daily water hauled: 0 BBLS
Total water hauled: BBLS 7494
Acc:2500psi
Man:2500psi
Ann:900psi
Fluid:13"

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 6/27/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 7
Depth At 06:00 :
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/23/2008 Days From Spud : 4

Morning Operations : TOP JOB

Time To	Description
6:00 AM	CEMENTING FOR TOP JOB TO KILL WELL.

Remarks :

DSLTA 173
Safety Meetings:
(320)JTS 4.5"XH "G-105" DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL: gallons 7654
USED: gallons 378
TOTAL FUEL USED:4281 gallons
Daily water hauled:0 BBLS
Total water hauled: BBLS 7494
Acc:2500psi
Man:2500psi
Ann:12000psi
Fluid:13"
Call B.L.M. with notification of spud on 06-20-08 @ 9:00 am.
BOP Drills: Crew 1: 55 SECONDS CREW 2: 45 SECONDS
Call B.L.M. with notification of CSG. & CEMENT &BOP. TEST on 06-25-08 @ 9:00 am.

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Operations Date : 6/26/2008
Report # : 6
Depth At 06:00 : 2323.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/23/2008 Days From Spud : 3

Morning Operations : DRLG. SURFACE

Time To	Description
1:00 PM	DRLG. SURFACE F/ 2121' 2323'
2:00 PM	CIRC. F/ TRIP OUT
4:30 PM	TRIP OUT F/ CSG.
5:00 PM	RIG SERVICE
10:30 PM	RIG UP T-REX & RUN CSG.
6:00 AM	HAVE SAFETY MEETING RIG UP HALLABURTON TO CEMENT 9 5/8 CSG. TEST L INES ,PUMP SPACER,PUMP LEAD CEMENT @ 12,7 PPG W/ 1% CALCIUM CHLORIDE O.125 LBM POLY-E-FLAKE PUMP TAIL CEMENT MIXED @ 15.6 PPG W/ 2%CALCIUM CHLORIDE, 0.125 LBM POLY-E-FLAKE, PLUG LEFT CEMENT HEAD 12:45 BUMPED PLUG @ 1:22 500 PSI OVER FLOAT HELD. RIG UP TO PUMP 15.8 PPG 2% CALCIUM CHLORIDE TOP JOB. LOST FULL RETURNS 120 BBLS. GONE OF DISPLACEMENT.

Remarks :

DSLTA:172
Safety Meetings
(320)JTS 4.5"XH "G-105" DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL: gallons 8032
USED: gallons 1021
TOTAL FUEL USED: gallons 3903
Daily water hauled: BBLS
Total water hauled: BBLS 7494
Acc:2500psi
Man:2500psi
Ann:12000psi
Fluid:13"
Call B.L.M. with notification of spud on 06-20-08 @ 9:00 am.
BOP Drills: Crew 1: 55 SECONDS CREW 2: 45 SECONDS
Call B.L.M. with notification of CSG. & CEMENT &BOP. TEST on 06-25-08 @ 9:00 am.

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 6/25/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 5
Depth At 06:00 :
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/23/2008 Days From Spud : 2
Morning Operations : DRIL. SURFACE

Time To	Description
2:00 PM	DRLG. SURFACE F/1550' TO 1773'
2:30 PM	RIG SERVICE
7:00 PM	DRLG. SURFACE F/ 1773' TO 1858'
7:30 PM	WORK ON # 2 MUD PUMP
6:00 AM	DRLG. SURFACE 1858' 2121'

Remarks :

DSLTA:171
Safety Meetings
(320)JTS 4.5"XH "G-105" DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL: gallons 4441
USED: gallons 1323

TOTAL FUEL USED: gallons 2882
Daily water hauled: BBLS
Total water hauled: BBLS 7494
Acc:2500psi
Man:2500psi
Ann:12000psi
Fluid:13"
Call B.L.M. with notification of spud on 06-20-08 @ 9:00 am.
BOP Drills: Crew 1: 55 SECONDS CREW 2: 45 SECONDS

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 6/24/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 4
Depth At 06:00 : 6.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/23/2008 Days From Spud : 1
Morning Operations : DRLG. SURFACE

Time To	Description
2:00 PM	DRLG.12 1/4" SURFACE HOLE F/ 913 TO 1133.
2:30 PM	RIG SERVICE
3:30 PM	DRLG.12 1/4" SURFACE HOLE F/ 1133 TO 1140
4:00 PM	T.O.H. W/ BIT #1
5:30 PM	L.D.M.M. P.U NEW M.M ORIENTATE DIR. TOOLS
6:00 PM	T.I.H. W/ BIT # 2
6:30 PM	WASH 40' TO BOTTOM
6:00 AM	DRLG. F/ 1140 TO 1570'

Remarks :

DSLTA:170
Safety Meetings
(320)JTS 4.5"XH "G-105" DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL: gallons 5764
USED: gallons 945

TOTAL FUEL USED: gallons 1559
Daily water hauled: BBLS
Total water hauled: BBLS 7494
Acc:2500psi
Man:2500psi
Ann:12000psi
Fluid:13"
Call B.L.M. with notification of spud on 06-20-08 @ 9:00 am.
BOP Drills: Crew 1: 55 SECONDS CREW 2: 45 SECONDS

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☐ ☑ Gas Well ☐ ☐ Other

2. Name of Operator **Bill Barrett Corporation**

3a. Address **1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. *(include area code)* **303-312-8546**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*

920' FSL, 2130' FWL
SESW, Section 7, T4S, R6W

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
 # 14-7-46 BTR

9. API Well No.
43-013-33806

10. Field and Pool, or Exploratory Area
ALTAMONT

11. County or Parish, State
DUCHESNE COUNTY

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Weekly Drilling Activity**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 6/30/2008 - 7/7/2008. Final drilling activity report.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Reed Haddock** Title **Permit Analyst**

Signature Reed Haddock Date **07/08/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
JUL 11 2008
DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 7/7/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 17
Depth At 06:00 : 7240.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/22/2008 Days From Spud : 15

Morning Operations : Rigging down to move

Time To	Description
1:00 PM	RU/Weatherford TRS to run casing.Hold 15 min safety meeting w/crews.Run (162)jts 5.5" 17# I80/N80 Production casing to 7224'ft.
6:00 PM	Circulate casing.RU/HES and wait on Halliburton to show with cement from Rock Springs,Wy.Batch plant in Vernal was down.
8:00 PM	Mix & pump 53.7bbls(70sks)10.5ppb CBM Lite cement.Mixed & pumped 53.3bbls(100sks)10.7#ppgHighbond 75 Lead cement.Mixed &pumped 171.5bbls(300sks)11.5#ppg Tuned Light RS1 Tail cement.Dropped plug & pumped 162.5bbls Clayfix II water for displacement.Landed plug @ 19:45hrs.w/1200psi.Pressure up to 1900psi to test floats.Floats held.RD/HES
11:00 PM	ND/BOP & set 5.5" casing slips w/Wellhead Inc.Set slips 160,000-37,500 over string wt.
1:00 AM	Clean mud tanks- Release rig @ 1:00am
6:00 AM	Rigging down

Remarks :

DSLTA:183
Safety Meetings:LDDP,Cementing
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:4441 gallons
USED:805 gallons
TOTAL FUEL USED:11314 gallons
Daily water hauled:520 BBLS
Total water hauled:9574 BBLS
Acc:2750psi
Man:2750psi
Ann:1150psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 7/6/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 16
Depth At 06:00 : 7250.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/22/2008 Days From Spud : 14

Morning Operations : LDDP

Time To	Description
7:30 AM	Condition hole & mud
10:30 AM	Flow check,pump pill,POOH f/Logs
11:00 AM	Rig service
4:30 PM	RU/Baker Atlas-Log well-Logs on bottom @ 13:00hrs(Loggers depth:7240'ft)Logs ran:Density Neutron,H-DIL,Gamma Ray,Spectral log-RD Baker Atlas
6:00 PM	TIH to 2756'ft-Break circulation
7:00 PM	TIH to 4850'ft-Break circulation
7:30 PM	TIH to 7250'ft-5'fill
12:00 AM	Circulate bottoms up gas out-20'flare.Pump hi vis sweep,circulate hole clean
6:00 AM	Hold 15 min safety meeting w/rig crews.Flow check,Pump pill-LDDP,SWDP,Break kelly

Remarks :

DSLTA:182
Safety Meetings:Inspecting drive chains;LDDP
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:5426 gallons
USED:512 gallons
TOTAL FUEL USED:10509 gallons
Daily water hauled:520 BBLS
Total water hauled:9574 BBLS
Acc:2750psi
Man:2750psi
Ann:1150psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Operations Date : 7/5/2008
Report # : 15
Depth At 06:00 : 7250.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/22/2008 Days From Spud : 13

Morning Operations : Circulate& condition

Time To	Description
11:30 AM	Drill f/ 7093'ft to 7250'ft-TD well.**MWD batteries run out at 4:00am 7/4/08.Last bottom hole survey at 6947'ft ***
4:00 PM	Circulating gas out and bringing mud wt up to 10.3 from 9.8.**Mud engineer turned 2" stream of water on in suction tank and lowered mud wt to 9.8ppg.
4:30 PM	Rig service
7:00 PM	Pump dry job & POOH w/bit # 3
8:00 PM	Laydown directional tools.Release directional company.
9:00 PM	TIH w/bit #4 to shoe
10:00 PM	Slip & cut drilling line,Install rotating head
11:30 AM	TIH to 4798'ft-Tagged up-wash down
12:30 PM	TIH to 6450'ft-Tight hole
1:30 AM	Circulate annulus clean-2700 units trip gas
2:00 AM	TIH to 7250'ft
6:00 AM	Circulate and condition mud-Dropping LCM content from 12% to 5%

Remarks :

DSLTA:181
Safety Meetings:Changing tong dies;LD/Directional tools
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:5426 gallons
USED:851 gallons
TOTAL FUEL USED:9997 gallons
Daily water hauled:0 BBLS
Total water hauled:9054 BBLS
Acc:2750psi
Man:2750psi
Ann:600psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Operations Date : 7/4/2008
Report # : 14
Depth At 06:00 : 7093.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/22/2008 Days From Spud : 12

Morning Operations : Drilling ahead

Time To	Description
4:30 PM	Drill f/ 6347'ft to 6651'ft-Sliding 50%
5:00 PM	Rig service
6:00 AM	Drill f/ 6651'ft to 7093'ft-Sliding 20%-Rot 80%

Remarks :

DSLTA:180
Safety Meetings:Forklift;Auto driller
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:6426 gallons
USED:991 gallons
TOTAL FUEL USED:9997 gallons
Daily water hauled:390 BBLS
Total water hauled:9054 BBLS
Acc:2750psi
Man:2750psi
Ann:600psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 7/3/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 13
Depth At 06:00 : 6347.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/22/2008 Days From Spud : 11
Morning Operations : Drilling ahead

Time To	Description
2:30 PM	Drill f/ 5570'ft to 5865'ft-Sliding 50% Rot 50%
3:30 PM	Rig service
6:00 AM	Drill f/ 5865'ft to 6347'ft-Sliding 50% Rot 50%

Remarks :

DSLTA:179
Safety Meetings:Unloading casing;Circulating out gas
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:2929 gallons
USED:1134 gallons
TOTAL FUEL USED:9006 gallons
Daily water hauled: 0 BBLS
Total water hauled:8274 BBLS
Acc:2750psi
Man:2750psi
Ann:1050psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 7/2/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 12
Depth At 06:00 : 5570.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M
Spud Date : 6/22/2008 Days From Spud : 10
Morning Operations : Drilling ahead

Time To	Description
3:00 PM	Drill f/ 4764'ft to 5111'ft-Sliding 1 Rot 1
3:30 PM	Rig service
4:30 AM	Drill f/ 5111'ft to 5570-Gas/oil/condensate to surface.Put on buster-20'-30' flare
6:00 AM	Raising mud wt to 9.8ppg

Remarks :

DSLTA:178
Safety Meetings:Mixing chemicals
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:4063 gallons
USED:945 gallons
TOTAL FUEL USED:7872 gallons
Daily water hauled: 0 BBLS
Total water hauled:8274 BBLS
Acc:2750psi
Man:2750psi
Ann:1050psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

REGULATORY DRILLING SUMMARY

WELLCORE

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 7/1/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 11
Depth At 06:00 : 4764.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/22/2008 Days From Spud : 9

Morning Operations : Drilling ahead

Time To	Description
3:30 PM	Drill f/ 3756'ft to 4200'ft-Sliding 50% Rot 50%
4:00 PM	Rig service-Function pipe rams
6:00 AM	Drill f/ 4200'ft to 4764'ft-Sliding 50% Rot 50%

Remarks :

DSLTA:177
Safety Meetings:Cellar pump;Connections
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:5008 gallons
USED:945 gallons
TOTAL FUEL USED:6927 gallons
Daily water hauled: 3900 BBLS
Total water hauled:8274 BBLS
Acc:2750psi
Man:2750psi
Ann:1050psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

Well : **#14-7-46 BTR** Phase/Area : Black Tail Ridge Operations Date : 6/30/2008

Bottom Hole Display	API #/License
SESW-7-4S-6W-W30M	43-013-33806

Report # : 10
Depth At 06:00 : 3756.00
Estimated Total Depth : 8074.00

Surface Location : SESW-7-4S-6W-W30M

Spud Date : 6/22/2008 Days From Spud : 8

Morning Operations : Drilling ahead

Time To	Description
2:30 PM	Drill f/ 2714'ft to 3093'ft-Sliding 1 Rot-5
3:00 PM	Rig service
6:00 AM	Drill f/ 3093'ft to 3756'ft-Sliding 1 Rot-2

Remarks :

DSLTA:176
Safety Meetings:Mouse hole;Connections
(281)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Thomas Oil Tools
Hunting MM: 6.75" .13rpg S/n:
FUEL:5953 gallons
USED:945 gallons
TOTAL FUEL USED:5982 gallons
Daily water hauled: 0 BBLS
Total water hauled: 7884 BBLS
Acc:2700psi
Man:2700psi
Ann:750psi
Fluid:15"
BOP drills:Crew 1=50sec.; Crew 2=55sec

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☐ ☑ Gas Well ☐☐ ☐ Other

8. Well Name and No.
 # 14-7-46 BTR

2. Name of Operator
Bill Barrett Corporation

9. API Well No.
43-013-33806

3a. Address
1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. *(include area code)*
303-312-8546

10. Field and Pool, or Exploratory Area
ALTAMONT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
920' FSL, 2130' FWL
SESW, Section 7, T4S, R6W

11. County or Parish, State
DUCHESNE COUNTY

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **First Sales**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The # 14-7-46 BTR had first gas sales on September 25, 2008 and first oil sales on October 4, 2008.

RECEIVED
OCT 21 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Reed Haddock Title **Permit Analyst**

Signature Reed Haddock Date **10/16/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☐ ☑ Gas Well ☐☐ ☐ Other

8. Well Name and No.
 # 14-7-46 BTR

2. Name of Operator **Bill Barrett Corporation**

9. API Well No.
43-013-33806

3a. Address
1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. *(include area code)*
303-312-8546

10. Field and Pool, or Exploratory Area
ALTAMONT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
920' FSL, 2130' FWL
SESW, Section 7, T4S, R6W

11. County or Parish, State
DUCHESNE COUNTY

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Commingling**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Bill Barrett Corporation (BBC) request permission to commingle the Wasatch and Green River Formations for the # 14-7-46 BTR.

COPY SENT TO OPERATOR
Date: 11.25.2008
Initials: KS

RECEIVED
OCT 27 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Reed Haddock** Title **Permit Analyst**

Signature Reed Haddock Date **10/23/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title Pet Eng. Date 11/18/08

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office DOGM

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Cause 139-42

3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
BIA-EDA-2OG0005608

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

7. Unit or CA Agreement Name and No.
N/A

2. Name of Operator
Bill Barrett Corporation

8. Lease Name and Well No.
14-7-46 BTR

3. Address 1099 18th Street, Suite 2300
Denver, CO 80202

3a. Phone No. *(include area code)*
(303) 312-8546

9. AFI Well No.
43-013-33806

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface 920' FSL x 2130' FWL
SE/4, SW/4, Sec. 7, T4S, R6W

Missing Data

10. Field and Pool or Exploratory
Altamont

11. Sec., T., R., M., on Block and Survey or Area Sec. 7, T4S, R6W

At top prod. interval reported below SE/4, SW/4, 89??' FSL x 21??' FWL

At total depth SE/4, SW/4, 895' FSL x 2145' FWL

12. County or Parish
Duchesne County

13. State
UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
06/10/2008	07/04/2008	☐ D & A ☑ Ready to Prod. 09/27/2008	5933' GL

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 7,250'	MD	MD
TVD	TVD	TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Baker Hughes Acoustic Resistivity; Multipole Array; Schlumberger Cased Hole Log

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	16"Conduct.	1/4 " wall	Surface	40'		Grout Cmt.		0'	
12 1/4"	9 5/8 - J-55	36 lbs.	Surface	2285'		455 sx-Lt.Prem	150 bbls.	0'	
						79 sxs - Prem.	17 bbls.		
8 3/4"	5 1/2" N-80	17 lbs.	1900'	7,224'		70 sxs HighBon	53.7 bbls.		
						100 sxs CBM Lt.	76 bbls.		
						300 sxs TundLt.	171 bbls.		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	5,406'	6,926'	6,708' - 6,926'	0.34"	24	Open
B) Green River	4,546'	5,406'	6,478' - 6,594'	0.34"	30	Open
C)			6,252' - 6,404'	0.34"	36	Open
D)			6,061' - 6,134'	0.34"	39	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6,708' - 6,926'	Frac'ed with 1331 bbls. gel; 55,223 lbs. 20/40 sand; 27,238 lbs. TLC 20/40 sand.
6,478' - 6,594'	Frac'ed with 1099 bbls. gel; 41,059 lbs. 20/40 sand; 21,623 lbs. TLC 20/40 sand.
6,252' - 6,404'	Frac'ed with 2156 bbls. gel; 67,388 lbs. 20/40 sand; 30,870 lbs. TLC 20/40 sand.
6,061' - 6,134'	Frac'ed with 1784 bbls. gel; 85,364 lbs. 20/40 sand; 45,485 lbs. TLC 20/40 sand.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/25/08	10/7/08	24	→	113	0	54	51.6	N/A	Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
6/64	0	1750	→	113	0	54	N/A	Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						Pumping

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: BIA-EDA-2OG0005608

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name: Ute Indian Tribe

7. Unit or CA Agreement Name and No.: N/A

2. Name of Operator: Bill Barrett Corporation

8. Lease Name and Well No.: # 14-7-46 BTR

3. Address: 1099 18th Street, Suite 2300, Denver, CO 80202

3a. Phone No. *(include area code)*: (303) 312-8546

9. AFI Well No.: 43-013-33806

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 920' FSL x 2130' FWL SE/4, SW/4, Sec. 7, T4S, R6W

10. Field and Pool or Exploratory: Altamont

11. Sec., T., R., M., on Block and Survey or Area: Sec. 7, T4S, R6W

At top prod. interval reported below: SE/4, SW/4, 89??' FSL x 21??' FWL

At total depth: SE/4, SW/4, 895' FSL x 2145' FWL Per HSM Review

12. County or Parish: Duchesne County

13. State: UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
06/10/2008	07/04/2008	☐ D & A ☑ Ready to Prod. 09/27/2008	5933' GL

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 7,250'	MD	MD
TVD 7250	TVD	TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): CBL, GR, CCL, Temp Comp2, CD, GR, Cal, HDI, SL, MUD

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	16"Conduct.	1/4 " wall	Surface	40'		Grout Cmt.		0'	
12 1/4"	9 5/8 - J-55	36 lbs.	Surface	2285'		455 sx-Lt.Prem	150 bbls.	0'	
						79 sxs - Prem.	17 bbls.		
8 3/4"	5 1/2" N-80	17 lbs.	1900'	7,224'		70 sxs HighBon	53.7 bbls.		
						100 sxs CBM Lt.	76 bbls.		
						300 sxs TundLt.	171 bbls.		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals / 26. Perforation Record 4541

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	5,406'	6,926'	6,708' - 6,926'	0.34"	24	Open
B) Green River	4,546'	5,406'	6,478' - 6,594'	0.34"	30	Open
C)			6,252' - 6,404'	0.34"	36	Open
D)			6,061' - 6,134'	0.34"	39	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6,708' - 6,926'	Frac'ed with 1331 bbls. gel; 55,223 lbs. 20/40 sand; 27,238 lbs. TLC 20/40 sand.
6,478' - 6,594'	Frac'ed with 1099 bbls. gel; 41,059 lbs. 20/40 sand; 21,623 lbs. TLC 20/40 sand.
6,252' - 6,404'	Frac'ed with 2156 bbls. gel; 67,388 lbs. 20/40 sand; 30,870 lbs. TLC 20/40 sand.
6,061' - 6,134'	Frac'ed with 1784 bbls. gel; 85,364 lbs. 20/40 sand; 45,485 lbs. TLC 20/40 sand.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/25/08	10/7/08	24	→	113	0	54	51.6	N/A	Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
6/64	0	1750	→	113	0	54	N/A	Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						Pumping

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				TGR3	2,950'
				Douglas Creek	3,765'
				Black Shale Marker	4,540'
				Castle Peak	4,847'
				Wasatch	5,406'
				TD	7,250'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Reed Haddock Title Permit Analyst

Signature Reed Haddock Date 11/10/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

26. PERFORATION RECORD (cont.)				
INTERVAL (Top/Bot-MD)		SIZE	NO. HOLES	PERFORATION STATUS
5,687'	5,959'	0.340"	42	Open
5,331'	5,635'	0.340"	36	Open
4,956'	5,128'	0.340"	27	Open
4,546'	4,823'	0.340"	30	Open

27. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)	
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5,687' – 5,959'	Frac'ed with 2375 bbls. slickwater; 111,297 lbs. 20/40 sand.
5,331' – 5,635'	Frac'ed with 2653 bbls. slickwater; 127,268 lbs. 20/40 sand.
4,956' – 5,128'	Frac'ed with 3250 bbls. slickwater; 165,483 lbs. 20/40 sand.
4,546' – 4,823'	Frac'ed with 2353 bbls. slickwater; 102,530 lbs. 20/40 sand.

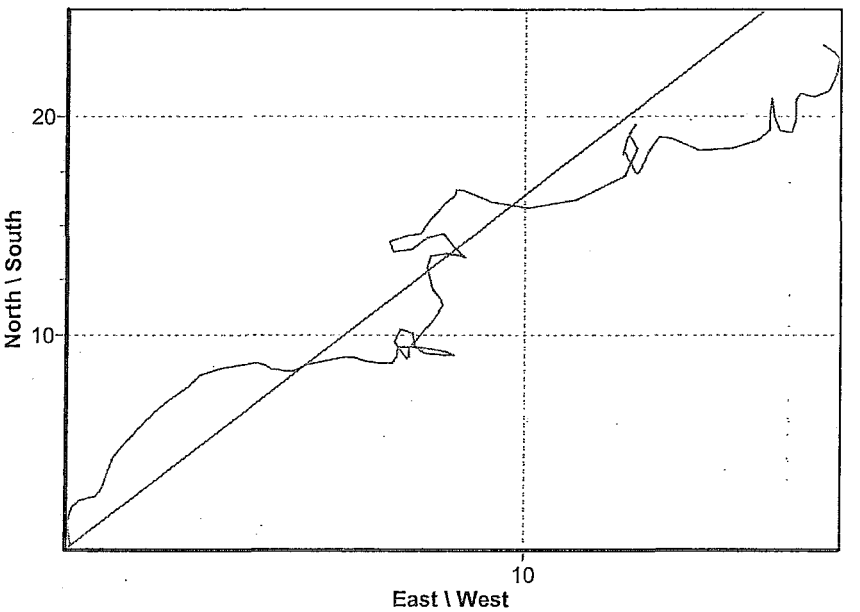
Directional Plots

WELLCORE

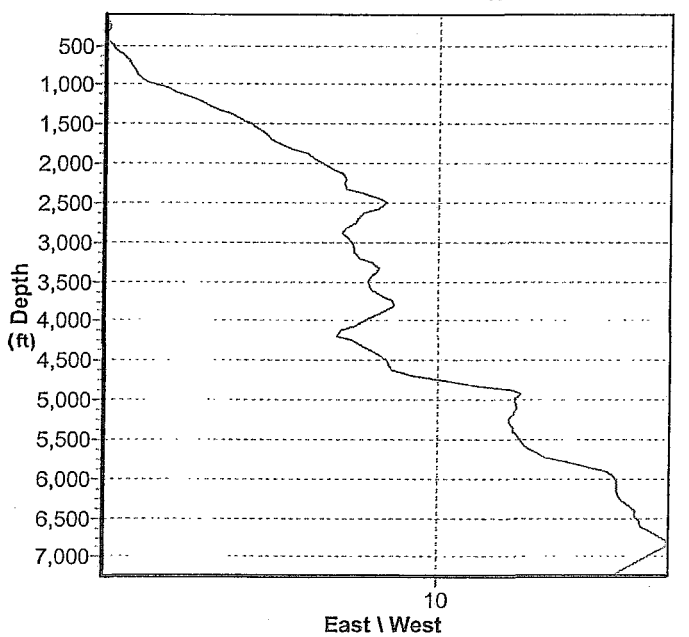
Location Information

Business Unit :	Well Name :	API / License # :
Operations	#14-7-46 BTR	43-013-33806
Project :	Surface Location :	
Uinta	SESW-7-4S-6W-W30M	
Phase/Area :	Bottom Hole Location :	
Black Tail Ridge	SESW-7-4S-6W-W30M	

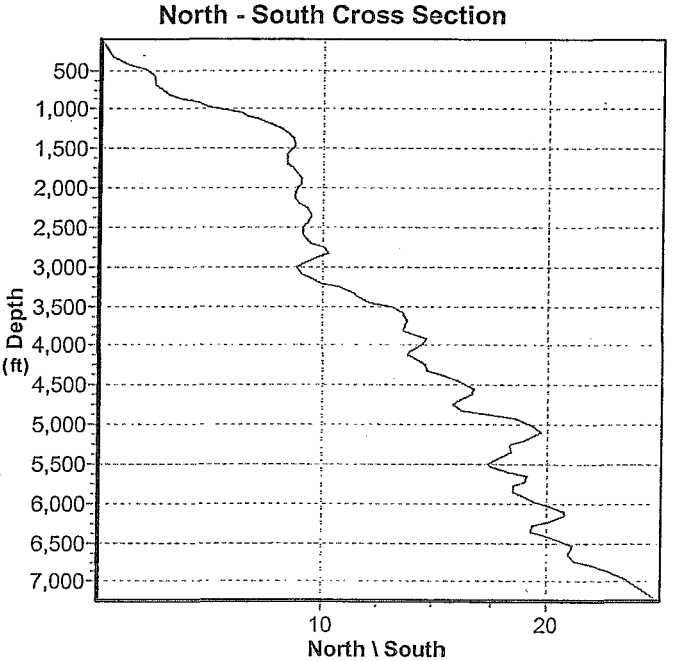
Top View



East - West Cross Section



North - South Cross Section



Directional Surveys

WELLCORE

Location Information

Business Unit	Phase/Area	Surface Location
Operations	Black Tail Ridge	SESW-7-4S-6W-W30M
Project	Well Name	Main Hole
Uinta	#14-7-46 BTR	

Bottom Hole Information

UWI	API / License #
SESW-7-4S-6W-W30M	43-013-33806

Survey Section Details

Section	KOP (ft)	KOP Date	TMD (ft)	TVD (ft)	TD Date
Surface					
Surface					

Survey Information

Survey Company	Direction of Vertical Section (°)	Magnetic Dec. Correction (°)
Directional plus	0.00	11.92

Details Corrected

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	107.00	0.26	147.50	107.00	-84.00	0.20	S	0.13	E	-0.20	0.24
	249.00	0.04	218.90	249.00	-226.00	0.52	S	0.27	E	-0.52	0.18
	341.00	0.22	195.00	341.00	-318.00	0.71	S	0.21	E	-0.71	0.20
	433.00	0.70	180.60	432.99	-409.99	1.44	S	0.15	E	-1.44	0.53
	495.00	0.60	156.40	494.99	-471.99	2.12	S	0.28	E	-2.12	0.47
	556.00	0.10	160.00	555.99	-532.99	2.46	S	0.43	E	-2.46	0.82
	618.00	0.30	101.90	617.99	-594.99	2.55	S	0.60	E	-2.55	0.42
	679.00	0.10	140.50	678.99	-655.99	2.62	S	0.79	E	-2.62	0.38
	740.00	0.30	167.80	739.99	-716.99	2.82	S	0.86	E	-2.82	0.35
	802.00	0.40	164.40	801.99	-778.99	3.18	S	0.95	E	-3.18	0.17
	863.00	0.70	174.50	862.98	-839.98	3.76	S	1.05	E	-3.76	0.51
	924.00	0.70	167.20	923.98	-900.98	4.49	S	1.17	E	-4.49	0.15
	955.00	1.00	150.40	954.98	-931.98	4.91	S	1.34	E	-4.91	1.25
	1020.00	1.00	163.40	1019.97	-996.97	5.95	S	1.78	E	-5.95	0.35
	1052.00	0.70	144.70	1051.96	-1028.96	6.38	S	1.98	E	-6.38	1.27
	1083.00	0.60	162.60	1082.96	-1059.96	6.69	S	2.13	E	-6.69	0.72
	1118.00	0.80	141.20	1117.96	-1094.96	7.05	S	2.34	E	-7.05	0.93
	1181.00	0.60	148.20	1180.95	-1157.95	7.68	S	2.79	E	-7.68	0.34
	1245.00	0.40	158.90	1244.95	-1221.95	8.17	S	3.05	E	-8.17	0.34
	1309.00	0.60	114.40	1308.95	-1285.95	8.52	S	3.43	E	-8.52	0.66
	1372.00	0.20	101.90	1371.95	-1348.95	8.68	S	3.84	E	-8.68	0.65
	1463.00	0.30	101.90	1462.94	-1439.94	8.76	S	4.23	E	-8.76	0.11
	1500.00	0.50	37.40	1499.94	-1476.94	8.65	S	4.42	E	-8.65	1.24
	1532.00	0.20	32.50	1531.94	-1508.94	8.49	S	4.54	E	-8.49	0.94
	1564.00	0.30	81.30	1563.94	-1540.94	8.43	S	4.65	E	-8.43	0.70
	1617.00	0.10	63.00	1616.94	-1593.94	8.39	S	4.83	E	-8.39	0.39
	1691.00	0.20	101.90	1690.94	-1667.94	8.39	S	5.01	E	-8.39	0.19
	1754.00	0.50	145.30	1753.94	-1730.94	8.64	S	5.28	E	-8.64	0.60
	1815.00	0.50	96.10	1814.94	-1791.94	8.88	S	5.69	E	-8.88	0.68
	1878.00	0.30	121.50	1877.94	-1854.94	9.00	S	6.11	E	-9.00	0.42
	1940.00	0.20	59.60	1939.94	-1916.94	9.03	S	6.34	E	-9.03	0.44
	2005.00	0.30	58.20	2004.94	-1981.94	8.88	S	6.58	E	-8.88	0.16
	2068.00	0.30	88.70	2067.93	-2044.93	8.79	S	6.89	E	-8.79	0.25
	2130.00	0.20	82.80	2129.93	-2106.93	8.77	S	7.16	E	-8.77	0.17
	2193.00	0.40	183.90	2192.93	-2169.93	8.98	S	7.25	E	-8.98	0.76
	2257.00	0.20	176.50	2256.93	-2233.93	9.31	S	7.24	E	-9.31	0.32
	2316.00	0.10	128.70	2315.93	-2292.93	9.45	S	7.29	E	-9.45	0.26
	2380.00	0.70	87.10	2379.93	-2356.93	9.46	S	7.72	E	-9.46	0.98
	2442.00	0.40	57.00	2441.93	-2418.93	9.33	S	8.28	E	-9.33	0.66
	2506.00	0.10	2.00	2505.93	-2482.93	9.15	S	8.47	E	-9.15	0.55
	2569.00	0.40	270.10	2568.92	-2545.92	9.09	S	8.25	E	-9.09	0.66
	2632.00	0.40	249.00	2631.92	-2608.92	9.17	S	7.83	E	-9.17	0.23
	2696.00	0.40	181.10	2695.92	-2672.92	9.47	S	7.62	E	-9.47	0.70
	2760.00	0.70	182.70	2759.92	-2736.92	10.09	S	7.59	E	-10.09	0.47
	2822.00	0.60	2821.92	2821.91	-2798.91	10.30	S	7.30	E	-10.30	1.81

Directional Surveys

WELLCORE

Location Information

Business Unit	Phase/Area	Surface Location
Operations	Black Tail Ridge	SESW-7-4S-6W-W30M
Project	Well Name	Main Hole
Uinta	#14-7-46 BTR	

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	2884.00	0.70	22.20	2883.91	-2860.91	9.77	S	7.17	E	-9.77	1.36
	2947.00	0.40	7.80	2946.91	-2923.91	9.20	S	7.34	E	-9.20	0.52
	3011.00	0.20	33.30	3010.91	-2987.91	8.88	S	7.43	E	-8.88	0.37
	3074.00	0.40	180.80	3073.90	-3050.90	9.01	S	7.49	E	-9.01	0.92
	3138.00	0.20	170.00	3137.90	-3114.90	9.35	S	7.51	E	-9.35	0.32
	3201.00	0.90	160.40	3200.90	-3177.90	9.92	S	7.69	E	-9.92	1.12
	3264.00	0.80	153.70	3263.89	-3240.89	10.78	S	8.05	E	-10.78	0.22
	3328.00	0.40	188.60	3327.89	-3304.89	11.40	S	8.22	E	-11.40	0.82
	3391.00	0.00	101.90	3390.89	-3367.89	11.62	S	8.19	E	-11.62	0.64
	3454.00	0.90	201.50	3453.88	-3430.88	12.08	S	8.00	E	-12.08	1.43
	3517.00	1.00	171.80	3516.88	-3493.88	13.08	S	7.90	E	-13.08	0.79
	3580.00	0.00	101.90	3579.87	-3556.87	13.63	S	7.98	E	-13.63	1.59
	3612.00	0.20	109.40	3611.87	-3588.87	13.65	S	8.03	E	-13.65	0.62
	3675.00	0.40	116.80	3674.87	-3651.87	13.78	S	8.33	E	-13.78	0.32
	3738.00	0.40	26.20	3737.87	-3714.87	13.68	S	8.63	E	-13.68	0.90
	3802.00	0.20	199.20	3801.87	-3778.87	13.59	S	8.69	E	-13.59	0.94
	3865.00	0.90	202.00	3864.86	-3841.86	14.15	S	8.47	E	-14.15	1.11
	3918.00	0.40	211.60	3917.86	-3894.86	14.70	S	8.21	E	-14.70	0.96
	3991.00	0.70	333.00	3990.86	-3967.86	14.52	S	7.88	E	-14.52	1.33
	4055.00	0.50	326.90	4054.85	-4031.85	13.93	S	7.55	E	-13.93	0.33
	4118.00	0.50	243.70	4117.85	-4094.85	13.82	S	7.15	E	-13.82	1.05
	4181.00	0.70	157.70	4180.85	-4157.85	14.30	S	7.05	E	-14.30	1.32
	4244.00	0.50	70.50	4243.84	-4220.84	14.57	S	7.46	E	-14.57	1.33
	4305.00	0.40	163.90	4304.84	-4281.84	14.68	S	7.77	E	-14.68	1.08
	4366.00	0.80	160.70	4365.84	-4342.84	15.29	S	7.97	E	-15.29	0.66
	4430.00	0.60	151.40	4429.83	-4406.83	16.00	S	8.27	E	-16.00	0.36
	4492.00	0.20	147.10	4491.83	-4468.83	16.38	S	8.49	E	-16.38	0.65
	4555.00	0.40	186.20	4554.83	-4531.83	16.69	S	8.52	E	-16.69	0.44
	4619.00	0.60	27.80	4618.83	-4595.83	16.62	S	8.66	E	-16.62	1.54
	4683.00	0.90	65.40	4682.82	-4659.82	16.11	S	9.27	E	-16.11	0.88
	4746.00	0.70	83.70	4745.81	-4722.81	15.86	S	10.10	E	-15.86	0.51
	4808.00	1.40	122.10	4807.80	-4784.80	16.22	S	11.12	E	-16.22	1.54
	4870.00	1.50	150.00	4869.78	-4846.78	17.33	S	12.17	E	-17.33	1.14
	4933.00	1.00	194.20	4932.77	-4909.77	18.58	S	12.44	E	-18.58	1.66
	4997.00	0.20	200.90	4996.76	-4973.76	19.22	S	12.27	E	-19.22	1.25
	5029.00	0.40	161.70	5028.76	-5005.76	19.38	S	12.28	E	-19.38	0.86
	5090.00	0.20	171.40	5089.76	-5066.76	19.69	S	12.37	E	-19.69	0.34
	5186.00	1.00	349.00	5185.75	-5162.75	19.03	S	12.23	E	-19.03	1.25
	5247.00	0.30	354.40	5246.75	-5223.75	18.35	S	12.11	E	-18.35	1.15
	5278.00	0.10	141.90	5277.75	-5254.75	18.29	S	12.12	E	-18.29	1.25
	5342.00	0.10	145.60	5341.75	-5318.75	18.38	S	12.19	E	-18.38	0.00
	5405.00	0.70	3.90	5404.75	-5381.75	18.04	S	12.25	E	-18.04	1.24
	5467.00	0.40	31.90	5466.74	-5443.74	17.48	S	12.39	E	-17.48	0.64
	5499.00	0.10	357.70	5498.74	-5475.74	17.36	S	12.44	E	-17.36	1.01
	5531.00	0.40	173.10	5530.74	-5507.74	17.44	S	12.46	E	-17.44	1.56
	5593.00	1.20	164.10	5592.73	-5569.73	18.28	S	12.66	E	-18.28	1.30
	5656.00	0.40	167.80	5655.73	-5632.73	19.13	S	12.89	E	-19.13	1.27
	5719.00	0.80	32.60	5718.72	-5695.72	18.97	S	13.17	E	-18.97	1.78
	5783.00	0.70	72.90	5782.72	-5759.72	18.48	S	13.78	E	-18.48	0.82
	5847.00	0.60	116.50	5846.71	-5823.71	18.52	S	14.46	E	-18.52	0.77
	5910.00	0.70	134.20	5909.71	-5886.71	18.93	S	15.03	E	-18.93	0.35
	5973.00	0.40	186.60	5972.71	-5949.71	19.42	S	15.28	E	-19.42	0.88
	6036.00	0.80	174.30	6035.70	-6012.70	20.08	S	15.30	E	-20.08	0.66
	6100.00	0.50	185.40	6099.70	-6076.70	20.80	S	15.32	E	-20.80	0.51
	6161.00	0.50	6.50	6160.70	-6137.70	20.80	S	15.32	E	-20.80	1.64
	6224.00	0.90	359.90	6223.69	-6200.69	20.03	S	15.35	E	-20.03	0.65
	6287.00	0.40	39.20	6286.69	-6263.69	19.37	S	15.49	E	-19.37	1.02
	6348.00	0.30	128.40	6347.68	-6324.68	19.30	S	15.75	E	-19.30	0.81
	6412.00	0.80	183.20	6411.68	-6388.68	19.85	S	15.86	E	-19.85	1.05
	6474.00	0.80	175.20	6473.68	-6450.68	20.71	S	15.87	E	-20.71	0.18
	6538.00	0.10	75.30	6537.67	-6514.67	21.14	S	15.96	E	-21.14	1.29
	6601.00	0.20	23.40	6600.67	-6577.67	21.03	S	16.06	E	-21.03	0.25
	6664.00	0.30	89.60	6663.67	-6640.67	20.93	S	16.26	E	-20.93	0.45
	6727.00	0.60	153.90	6726.67	-6703.67	21.22	S	16.57	E	-21.22	0.86
	6788.00	1.00	173.50	6787.66	-6764.66	22.04	S	16.78	E	-22.04	0.79
	6851.00	0.20	199.10	6850.66	-6827.66	22.69	S	16.80	E	-22.69	1.31

Directional Surveys

WELLCORE

Location Information

Business Unit	Phase/Area	Surface Location
Operations	Black Tail Ridge	SESW-7-4S-6W-W30M
Project	Well Name	Main Hole
Uinta	#14-7-46 BTR	

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	6884.00	0.60	206.30	6883.66	-6860.66	22.90	S	16.71	E	-22.90	1.22
	6947.00	0.30	216.40	6946.65	-6923.65	23.33	S	16.46	E	-23.33	0.49
	7240.00	0.50	220.00	7239.65	-7216.65	24.92	S	15.19	E	-24.92	0.07

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☐ ☑ Gas Well ☐☐ ☐ Other

8. Well Name and No.
 # 14-7-46 BTR

2. Name of Operator
Bill Barrett Corporation

9. API Well No.
43-013-33806

3a. Address
1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. *(include area code)*
303-312-8168

10. Field and Pool, or Exploratory Area
ALTAMONT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
920' FSL, 2130' FWL
SESW, Section 7, T4S, R6W

11. County or Parish, State
DUCHESNE COUNTY

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Flaring Gas**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Bill Barrett Corporation (BBC) was informed by El Paso that Questr was performing a planned maintenance of their pipeline starting on June 16, 2009. Questar will not transport gas for 3-4 days (gas production). BBC request permission to flare the following locations during this time: # 7-20-46 DLB (43-013-33657), 5-25-36 BTR (43-013-34021), and the 14-7-46 BTR (43-013-33806). A verbal approval was given by Ryan Angus (BLM Petroleum Engineer) to Mike Angus (BBC Area Superintendent) on June 17, 2009.

COPY SENT TO OPERATOR
Date: 7·16·2009
Initials: KS

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Matt Barber | Title **Permit Analyst**

Signature Matt Barber | Date **06/17/2009**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by | Title Pet-Eng. | Date 7/15/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office Dgm | Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
JUN 18 2009
DIV. OF OIL, GAS & MINING

API Well No: 43013338060000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: 14-7-46 BTR

2. NAME OF OPERATOR: BILL BARRETT CORP

9. API NUMBER: 43013338060000

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202

PHONE NUMBER: 303 312-8164 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0920 FSL 2130 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 07 Township: 04.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 2/26/2008	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Correction to lease num

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This Sundry is being submitted to indicate that the lease for this section has been earned. The correct lease number is 14-20-H62-5671. Please update your information with this lease.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 12, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tracey Fallang	303 312-8134	Regulatory Analyst
SIGNATURE N/A		**DATE** 8/11/2010

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 11/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202	Rig II, LLC 1582 West 2600 South Woods Cross, UT 84087
CA Number(s):	Unit(s):

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2016
2. Sundry or legal documentation was received from the **NEW** operator on: 10/21/2016
3. New operator Division of Corporations Business Number: 8256968-0160

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: 10/21/2016
3. Reports current for Production/Disposition & Sundries: 11/2/2016
4. OPS/SI/TA well(s) reviewed for full cost bonding: 11/3/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: 11/3/2016
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): 11/3/2016

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000712
2. Indian well(s) covered by Bond Number: LPM 922467
3. State/fee well(s) covered by Bond Number(s): 9219529

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 11/7/2016
2. Entity Number(s) updated in **OGIS** on: 11/7/2016
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/7/2016
6. Surface Facilities update in **RBDMS** on: N/A

COMMENTS:

From: Bill Barrett Corporation
To: Rig II, LLC
Effective 11/1/2016

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
SWD 9-36 BTR	9	030S	060W	4301350646	18077	Indian	Fee	WD	A
16-6D-46 BTR SWD	6	040S	060W	4301350781	18327	Indian	Fee	WD	A
6-32-36 BTR SWD	32	030S	060W	4301350921	18329	Indian	Fee	WD	A
LC TRIBAL 8-26D-47	26	040S	070W	4301334024		Indian	Indian	OW	APD
16-21D-37 BTR	21	030S	070W	4301350758		Indian	Fee	OW	APD
14-11D-37 BTR	11	030S	070W	4301350862		Indian	Fee	OW	APD
7-17D-46 BTR	17	040S	060W	4301350883		Indian	Indian	OW	APD
14-12D-37 BTR	12	030S	070W	4301350894		Indian	Fee	OW	APD
1-18D-36 BTR	18	030S	060W	4301350922		Indian	Fee	OW	APD
13-2D-45 BTR	2	040S	050W	4301350931		Indian	Indian	OW	APD
5H-16-46 BTR	16	040S	060W	4301350992		Indian	Indian	OW	APD
9H-17-45 BTR	17	040S	050W	4301351098		Indian	Indian	OW	APD
13H-8-46 BTR UB	8	040S	060W	4301351124		Indian	Indian	OW	APD
8H-9-46 BTR	9	040S	060W	4301351140		Indian	Indian	OW	APD
LC TRIBAL 7-31D-37	31	030S	070W	4301351147		Indian	Fee	OW	APD
14-16D-45 BTR	16	040S	050W	4301351178		Indian	Indian	OW	APD
16-19D-37 BTR	19	030S	070W	4301351179		Indian	Fee	OW	APD
6-2D-45 BTR	2	040S	050W	4301351234		Indian	Indian	OW	APD
2-2D-45 BTR	2	040S	050W	4301351235		Indian	Indian	OW	APD
10-26-35 BTR	26	030S	050W	4301351248		Indian	Fee	OW	APD
LC TRIBAL 1H-33-46	33	040S	060W	4301351257		Indian	Fee	OW	APD
LC TRIBAL 9-25D-46	25	040S	060W	4301351276		Indian	Indian	OW	APD
LC TRIBAL 8H-30-45	30	040S	050W	4301351277		Indian	Indian	OW	APD
LC TRIBAL 16H-30-45	30	040S	050W	4301351279		Indian	Indian	OW	APD
LC TRIBAL 13-30D-45	30	040S	050W	4301351282		Indian	Indian	OW	APD
LC TRIBAL 16H-36-46	36	040S	060W	4301351291		Indian	Indian	OW	APD
LC TRIBAL 13H-30-46	30	040S	060W	4301351321		Indian	Indian	OW	APD
LC TRIBAL 13H-31-46	31	040S	060W	4301351326		Indian	Indian	OW	APD
LC TRIBAL 16-31D-46	31	040S	060W	4301351328		Indian	Indian	OW	APD
LC TRIBAL 5H-26-47	26	040S	070W	4301351337		Indian	Indian	OW	APD
LC TRIBAL 5H-19-45	20	040S	050W	4301351349		Indian	Indian	OW	APD
LC TRIBAL 16-36D-47	36	040S	070W	4301351363		Indian	Indian	OW	APD
15-4D-47 BTR	4	040S	070W	4301351377		Indian	Fee	OW	APD
16-23D-46 LC TRIBAL	23	040S	060W	4301351396		Indian	Fee	OW	APD
15-2D-36 BTR	2	030S	060W	4301351419		Indian	Fee	OW	APD
16-23D-37 BTR	23	030S	070W	4301351420		Indian	Fee	OW	APD
11-9D-47 BTR	9	040S	070W	4301351422		Indian	Fee	OW	APD
15-13D-47 BTR	13	040S	070W	4301351424		Indian	Indian	OW	APD
LC TRIBAL 15-19D-46	19	040S	060W	4301351426		Indian	Indian	OW	APD
16-13D-45 BTR	13	040S	050W	4301351428		Indian	Indian	OW	APD

From: Bill Barrett Corporation
To: Rig II, LLC
Effective 11/1/2016

14-12D-45 BTR	12	040S	050W	4301351444		Indian	Indian	OW	APD
16-14D-45 BTR	14	040S	050W	4301351445		Indian	Indian	OW	APD
5-13D-45 BTR	13	040S	050W	4301351446		Indian	Indian	OW	APD
LC TRIBAL 16-26D-46	26	040S	060W	4301351450		Indian	State	OW	APD
LC TRIBAL 16-34D-46	34	040S	060W	4301351451		Indian	State	OW	APD
16-12D-45 BTR	12	040S	050W	4301351452		Indian	Indian	OW	APD
8-12D-45 BTR	12	040S	050W	4301351453		Indian	Indian	OW	APD
LC TRIBAL 1-35D-46	35	040S	060W	4301351454		Indian	Fee	OW	APD
16-25D-37 BTR	25	030S	070W	4301351455		Indian	Fee	OW	APD
LC TRIBAL 13H-29-46	28	040S	060W	4301351462		Indian	Fee	OW	APD
LC TRIBAL 14-30D-37	30	030S	070W	4301351494		Indian	Fee	OW	APD
7-13D-45 BTR	13	040S	050W	4301351497		Indian	Indian	OW	APD
LC TRIBAL 4H-35-46	35	040S	060W	4301351515		Indian	Fee	OW	APD
LC TRIBAL 13H-19-46	19	040S	060W	4301351543		Indian	Indian	OW	APD
16-26D-37 BTR	26	030S	070W	4301351598		Indian	Fee	OW	APD
LC TRIBAL 16-31D-37	31	030S	070W	4301351610		Indian	Fee	OW	APD
5-4-35 BTR	4	030S	050W	4301351613		Indian	Fee	OW	APD
LC TRIBAL 16-31D-47	31	040S	070W	4301351616		Indian	Indian	OW	APD
LC TRIBAL 13H-31-47	31	040S	070W	4301351617		Indian	Indian	OW	APD
LC TRIBAL 13-32D-47	32	040S	070W	4301351619		Indian	Indian	OW	APD
LC TRIBAL 16H-32-47	32	040S	070W	4301351620		Indian	Indian	OW	APD
LC TRIBAL 1-32D-47	32	040S	070W	4301351624		Indian	Indian	OW	APD
LC TRIBAL 4H-32-47	32	040S	070W	4301351625		Indian	Indian	OW	APD
LC TRIBAL 13-28D-47	28	040S	070W	4301351627		Indian	Indian	OW	APD
LC TRIBAL 13H-29-47	28	040S	070W	4301351628		Indian	Indian	OW	APD
LC TRIBAL 16H-28-47	28	040S	070W	4301351629		Indian	Indian	OW	APD
LC TRIBAL 1-28D-47	28	040S	070W	4301351639		Indian	Indian	OW	APD
LC TRIBAL 1H-27-47	28	040S	070W	4301351640		Indian	Indian	OW	APD
LC TRIBAL 4H-28-47	28	040S	070W	4301351641		Indian	Indian	OW	APD
LC TRIBAL 7-25D-58	25	050S	080W	4301351643		Indian	Indian	OW	APD
LC TRIBAL 6-25D-58	25	050S	080W	4301351644		Indian	Indian	OW	APD
LC TRIBAL 13H-24-58	24	050S	080W	4301351645		Indian	Indian	OW	APD
LC TRIBAL 16-24D-58	24	050S	080W	4301351646		Indian	Indian	OW	APD
LC Tribal 8-23D-46	23	040S	060W	4301351654		Indian	Fee	OW	APD
LC Tribal 16-35D-45	35	040S	050W	4301351656		Indian	Fee	OW	APD
LC Tribal 13H-35-45	35	040S	050W	4301351657		Indian	Fee	OW	APD
LC Tribal 16-36D-45	36	040S	050W	4301351658		Indian	Fee	OW	APD
LC Tribal 13H-36-45	36	040S	050W	4301351659		Indian	Fee	OW	APD
LC Tribal 5-36D-45	36	040S	050W	4301351661		Indian	Fee	OW	APD
LC Tribal 8-26D-46	26	040S	060W	4301351663		Indian	Fee	OW	APD
3-29D-36 BTR	29	030S	060W	4301351665		Indian	Fee	OW	APD

From: Bill Barrett Corporation
To: Rig II, LLC
Effective 11/1/2016

LC Tribal 5-35D-45	35	040S	050W	4301351666		Indian	Fee	OW	APD
LC Tribal 5-24D-46	24	040S	060W	4301351668		Indian	Indian	OW	APD
LC TRIBAL 6-12D-58	12	050S	080W	4301351696		Indian	Indian	OW	APD
LC TRIBAL 8-12D-58	12	050S	080W	4301351697		Indian	Indian	OW	APD
LC TRIBAL 16H-22-47	21	040S	070W	4301351700		Indian	Indian	OW	APD
5-25D-37 BTR	25	030S	070W	4301351803		Indian	Fee	OW	APD
8-3D-36 BTR	3	030S	060W	4301351804		Indian	Fee	OW	APD
14-26D-37 BTR	26	030S	070W	4301351805		Indian	Fee	OW	APD
9-4-35 BTR	4	030S	050W	4301351806		Indian	Fee	OW	APD
11-4D-35 BTR	4	030S	050W	4301351807		Indian	Fee	OW	APD
16-27D-37 BTR	27	030S	070W	4301351808		Indian	Fee	OW	APD
14-27D-37 BTR	27	030S	070W	4301351809		Indian	Fee	OW	APD
14-16D-46 BTR	16	040S	060W	4301351812		Indian	Indian	OW	APD
LC Tribal 16-35D-48	35	040S	080W	4301351847		Indian	Indian	OW	APD
LC Tribal 13H-35-48	35	040S	080W	4301351848		Indian	Indian	OW	APD
LC Tribal 13-2D-58	11	050S	080W	4301351850		Indian	Indian	OW	APD
5-13D-36 BTR	13	030S	060W	4301351862		Indian	Fee	OW	APD
5-8D-36 BTR	8	030S	060W	4301351871		Indian	Fee	OW	APD
16-1D-36 BTR	1	030S	060W	4301351872		Indian	Fee	OW	APD
8-18D-46 BTR	18	040S	060W	4301351897		Indian	Fee	OW	APD
LC Tribal 5-36D-46	36	040S	060W	4301351905		Indian	Indian	OW	APD
LC Tribal 5-26D-45	26	040S	050W	4301351907		Indian	Indian	OW	APD
14-13D-45 BTR	13	040S	050W	4301351974		Indian	Indian	OW	APD
14-34D-46 DLB	34	040S	060W	4301351975		Indian	Fee	OW	APD
LC Tribal 5-21D-45	21	040S	050W	4301352001		Indian	Indian	OW	APD
LC Tribal 8-22D-45	22	040S	050W	4301352002		Indian	Indian	OW	APD
LC Tribal 8-25D-45	25	040S	050W	4301352007		Indian	Indian	OW	APD
LC Tribal 16-25D-45	25	040S	050W	4301352008		Indian	Indian	OW	APD
LC Tribal 16-22D-45	22	040S	050W	4301352009		Indian	Indian	OW	APD
LC Tribal 16-26D-45	26	040S	050W	4301352010		Indian	Indian	OW	APD
LC Tribal 14-31D-37	31	030S	070W	4301352016		Indian	Fee	OW	APD
5-12D-45 BTR	12	040S	050W	4301352030		Indian	Indian	OW	APD
LC Tribal 9-20D-45	20	040S	050W	4301352031		Indian	Indian	OW	APD
LC Tribal 13-35D-47	35	040S	070W	4301352055		Indian	Indian	OW	APD
LC Tribal 1-23D-47	23	040S	070W	4301352057		Indian	Indian	OW	APD
9-17D-46 BTR	17	040S	060W	4301352059		Indian	Indian	OW	APD
11-18D-46 BTR	18	040S	060W	4301352060		Indian	Indian	OW	APD
9-10D-47 BTR	10	040S	070W	4301352092		Indian	Fee	OW	APD
LC Tribal 1-17D-47	17	040S	070W	4301352096		Indian	Fee	OW	APD
7-35D-37 BTR	35	030S	070W	4301352115		Indian	Fee	OW	APD
14-25D-37 BTR	25	030S	070W	4301352116		Indian	Fee	OW	APD

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LC Tribal 5-25-46	25	040S	060W	4301352126	Indian	Indian	OW	APD
8-33D-35 BTR	33	030S	050W	4301352161	Indian	Fee	OW	APD
5-4D-36 BTR	4	030S	060W	4301352175	Indian	Fee	OW	APD
7-4D-36 BTR	4	030S	060W	4301352176	Indian	Fee	OW	APD
LC Tribal 4-36D-47	36	040S	070W	4301352186	Indian	Indian	OW	APD
LC Tribal 4-22D-46	22	040S	060W	4301352944	Indian	Indian	OW	APD
LC Tribal 16-22D-46	22	040S	060W	4301352945	Indian	Indian	OW	APD
LC Tribal 11-19D-46	19	040S	060W	4301352946	Indian	Indian	OW	APD
LC Tribal 7-20D-45	20	040S	050W	4301352947	Indian	Indian	OW	APD
15-11D-35 BTR	11	030S	050W	4301353056	Indian	Fee	OW	APD
13-11D-35 BTR	11	030S	050W	4301353057	Indian	Fee	OW	APD
BTR 16-36D-37	36	030S	070W	4301353059	Indian	Fee	OW	APD
4-29D-35 BTR	30	030S	050W	4301353060	Indian	Fee	OW	APD
1-30D-35 BTR	30	030S	050W	4301353061	Fee	Fee	OW	APD
LC TRIBAL 3-23D-46	23	040S	060W	4301353066	Indian	State	OW	APD
LC Tribal 14-23D-46	23	040S	060W	4301353067	Indian	State	OW	APD
LC Tribal 13-25D-46	25	040S	060W	4301353068	Indian	Indian	OW	APD
LC Tribal 14-26D-46	26	040S	060W	4301353069	Indian	State	OW	APD
LC Tribal 5-26D-46	26	040S	060W	4301353070	Indian	State	OW	APD
LC Tribal 11-35D-45	35	040S	050W	4301353071	Indian	State	OW	APD
LC Tribal 7-35D-45	35	040S	050W	4301353072	Indian	State	OW	APD
LC Tribal 3-35D-45	35	040S	050W	4301353075	Indian	State	OW	APD
LC Tribal 14-36D-45	36	040S	050W	4301353076	Indian	State	OW	APD
LC Tribal 13-36D-45	36	040S	050W	4301353077	Indian	State	OW	APD
LC Tribal 10-36D-45	36	040S	050W	4301353078	Indian	State	OW	APD
LC Tribal 8-36D-45	36	040S	050W	4301353079	Indian	State	OW	APD
LC Tribal 6-36D-45	36	040S	050W	4301353080	Indian	State	OW	APD
LC Tribal 1-34D-46	34	040S	060W	4301353081	Indian	State	OW	APD
LC Tribal 9-27D-46	27	040S	060W	4301353082	Indian	State	OW	APD
LC Tribal 13-35D-45	35	040S	050W	4301353083	Indian	State	OW	APD
LC Tribal 8-35D-45	35	040S	050W	4301353084	Indian	State	OW	APD
LC Tribal 15-35D-45	35	040S	050W	4301353085	Indian	State	OW	APD
LC Tribal 12-25D-45	25	040S	050W	4301353122	Indian	Indian	OW	APD
LC Tribal 14-25D-45	25	040S	050W	4301353123	Indian	Indian	OW	APD
LC Tribal 10-25D-45	25	040S	050W	4301353124	Indian	Indian	OW	APD
LC Tribal 11-26-45	26	040S	050W	4301353125	Indian	Indian	OW	APD
LC Tribal 13-26D-45	26	040S	050W	4301353126	Indian	Indian	OW	APD
LC Tribal 7-31D-46	31	040S	060W	4301353127	Indian	Indian	OW	APD
LC Tribal 7-19D-45	19	040S	050W	4301353128	Indian	Indian	OW	APD
LC Tribal 5-19D-45	19	040S	050W	4301353130	Indian	Indian	OW	APD
LC Tribal 7-25D-46	25	040S	060W	4301353132	Indian	Indian	OW	APD

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LC Tribal 7-24D-46	24	040S	060W	4301353134		Indian	Indian	OW	APD
LC Tribal 14-31D-46	31	040S	060W	4301353135		Indian	Indian	OW	APD
LC Tribal 14-30D-46	30	040S	060W	4301353136		Indian	Indian	OW	APD
13-4-35 BTR SWD	4	030S	050W	4301353293		Fee	Fee	OW	APD
LC FEE 14-26D-47	26	040S	070W	4301353294		Fee	Indian	OW	APD
LC Fee 5-25D-47	25	040S	070W	4301353295		Fee	Indian	OW	APD
7-35-46 LC SWD	35	040S	060W	4301353296		Fee	Fee	OW	APD
LC Fee 1H-33-47	32	040S	070W	4301353309		Fee	Indian	OW	APD
LC FEE 14-2D-58	2	050S	080W	4301353312		Fee	Indian	OW	APD
LC FEE 13H-21-47	21	040S	070W	4301353313		Fee	Indian	OW	APD
LC Fee 16-21D-47	21	040S	070W	4301353326		Fee	Indian	OW	APD
16-7D-46 BTR	7	040S	060W	4301353328		Fee	Indian	OW	APD
LC Fee 15-26D-47	26	040S	070W	4301353331		Fee	Indian	OW	APD
LC Fee 4-24D-47	23	040S	070W	4301353332		Fee	Indian	OW	APD
LC Fee 5-34D-47	34	040S	070W	4301353333		Fee	Indian	OW	APD
LC Fee 5-35D-47	35	040S	070W	4301353334		Fee	Indian	OW	APD
13-34D-47 LC Fee	34	040S	070W	4301353337		Fee	Indian	OW	APD
14-35D-35 BTR	35	030S	050W	4301352120		Fee	Fee	OW	DRL
6-17D-46 BTR	17	040S	060W	4301351078		Indian	Indian	OW	OPS
5-34D-35 BTR	34	030S	050W	4301351187		Indian	Fee	OW	OPS
5-10D-45 BTR	10	040S	050W	4301351221		Indian	Indian	OW	OPS
5-3D-45 BTR	3	040S	050W	4301351810		Indian	Indian	OW	OPS
9-34D-35 BTR	34	030S	050W	4301352117		Fee	Fee	OW	OPS
5-35D-35 BTR	35	030S	050W	4301352118		Fee	Fee	OW	OPS
1-2D-46 BTR	2	040S	060W	4301353086		Indian	Fee	OW	OPS
7-21-46 DLB	21	040S	060W	4301333567	16526	Indian	Indian	OW	P
LC TRIBAL 1H-27-46	27	040S	060W	4301333568	18175	Indian	Fee	GW	P
7-29-46 DLB	29	040S	060W	4301333584	17603	Indian	Fee	GW	P
LC TRIBAL 12H-28-46	28	040S	060W	4301333631	18132	Indian	Indian	GW	P
LC TRIBAL 13H-21-46	21	040S	060W	4301333632	18107	Indian	Indian	GW	P
12-36-36 BTR	36	030S	060W	4301333638	16336	Indian	Fee	GW	P
5-5-46 BTR	5	040S	060W	4301333639	16542	Indian	Fee	OW	P
5-23-36 BTR	23	030S	060W	4301333642	16675	Indian	Fee	GW	P
14-29-36 BTR	29	030S	060W	4301333643	16725	Indian	Fee	OW	P
14-30-36 BTR	30	030S	060W	4301333644	16701	Indian	Fee	GW	P
7-20-46 DLB	20	040S	060W	4301333657	16584	Indian	Indian	OW	P
LC TRIBAL 5-21D-46	21	040S	060W	4301333658	18887	Indian	Indian	OW	P
5-20-46 DLB	20	040S	060W	4301333659	18750	Indian	Indian	GW	P
LC TRIBAL 13H-20-46	20	040S	060W	4301333678	17979	Indian	Indian	GW	P
14-7-46 BTR	7	040S	060W	4301333806	16890	Indian	Indian	GW	P
7-8-45 BTR	8	040S	050W	4301333820	16974	Indian	Indian	OW	P

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1-5-45 BTR	5	040S	050W	4301333868	16931	Indian	Indian	OW	P
5-16-36 BTR	16	030S	060W	4301333970	17195	Indian	Fee	OW	P
5-29-36 BTR	29	030S	060W	4301333972	17557	Indian	Fee	OW	P
4-30-36 BTR	30	030S	060W	4301333973	17249	Indian	Fee	OW	P
7-19-46 DLB	19	040S	060W	4301334004	19018	Indian	Indian	OW	P
5-25-36 BTR	25	030S	060W	4301334021	17126	Fee	Fee	OW	P
5-4-45 BTR	4	040S	050W	4301334089	17507	Indian	Indian	OW	P
13-2-46 BTR	2	040S	060W	4301334090	18618	Indian	Indian	OW	P
2-3-45 BTR	3	040S	050W	4301334099	17932	Indian	Indian	OW	P
7-6-45 BTR	6	040S	050W	4301334100	17653	Indian	Indian	OW	P
1-9-45 BTR	9	040S	050W	4301334101	17910	Indian	Indian	OW	P
8-10-45 BTR	10	040S	050W	4301334102	17530	Indian	Indian	OW	P
7-17-45 BTR	17	040S	050W	4301334104	17933	Indian	Indian	OW	P
16-7-45 BTR	7	040S	050W	4301334111	17665	Indian	Indian	OW	P
15-18-45 BTR	18	040S	050W	4301334112	17832	Indian	Indian	OW	P
6-12-46 BTR	12	040S	060W	4301334114	17964	Indian	Indian	OW	P
5-13-46 BTR	13	040S	060W	4301334115	17833	Indian	Indian	OW	P
16-26-36 BTR	26	030S	060W	4301334132	18028	Indian	Fee	OW	P
1-23-36 BTR	23	030S	060W	4301334136	17722	Indian	Fee	OW	P
15-10-36 BTR	10	030S	060W	4301334277	17419	Indian	Fee	OW	P
14-5-46 BTR	5	040S	060W	4301350307	17624	Fee	Fee	OW	P
14X-22-46 DLB	22	040S	060W	4301350351	17604	Indian	Indian	OW	P
16-13-36 BTR	13	030S	060W	4301350372	17853	Indian	Fee	OW	P
5-33-46 DLB	33	040S	060W	4301350397	17765	Indian	Fee	OW	P
5-34-46 DLB	34	040S	060W	4301350415	17801	Indian	State	GW	P
LC FEE 12H-32-46	32	040S	060W	4301350431	18003	Fee	Fee	OW	P
1-13D-47 BTR	13	040S	070W	4301350445	18205	Indian	Fee	OW	P
16-8D-45 BTR	8	040S	050W	4301350466	18799	Indian	Indian	OW	P
7-13D-46 BTR	13	040S	060W	4301350470	18076	Indian	Indian	OW	P
14-8D-45 BTR	8	040S	050W	4301350567	18207	Indian	Indian	OW	P
14-5D-45 BTR	5	040S	050W	4301350568	18108	Indian	Indian	OW	P
16-31D-36 BTR	31	030S	060W	4301350573	18004	Indian	Fee	OW	P
5-7D-46 BTR	7	040S	060W	4301350574	18176	Indian	Indian	OW	P
LC TRIBAL 13H-33-46	34	040S	060W	4301350575	18223	Indian	State	OW	P
5-8-45 BTR	8	040S	050W	4301350607	18279	Indian	Indian	OW	P
16-6D-45 BTR	6	040S	050W	4301350610	18177	Indian	Indian	OW	P
5-18D-45 BTR	18	040S	050W	4301350611	18300	Indian	Indian	OW	P
7-26-37 BTR	26	030S	070W	4301350641	18131	Indian	Fee	OW	P
3-11D-36 BTR	11	030S	060W	4301350642	18299	Indian	Fee	OW	P
16-1D-46 BTR	1	040S	060W	4301350675	18525	Indian	Indian	OW	P
14-3-45 BTR	3	040S	050W	4301350676	18363	Indian	Indian	OW	P

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4-17D-45 BTR	17	040S	050W	4301350687	18517	Indian	Indian	OW	P
5-6D-45 BTR	6	040S	050W	4301350688	18726	Indian	Indian	OW	P
7-7D-45 BTR	7	040S	050W	4301350689	18380	Indian	Indian	OW	P
14-10D-45 BTR	10	040S	050W	4301350754	18447	Indian	Indian	OW	P
14-9D-45 BTR	9	040S	050W	4301350755	18379	Indian	Indian	OW	P
13-16D-36 BTR	16	030S	060W	4301350757	18206	Indian	State	OW	P
5-9D-36 BTR	9	030S	060W	4301350843	18381	Indian	Fee	OW	P
16-5D-46 BTR	5	040S	060W	4301350844	18280	Fee	Fee	OW	P
5-27D-37 BTR	27	030S	070W	4301350847	18526	Indian	Fee	OW	P
7-4D-45 BTR	4	040S	050W	4301350884	18562	Indian	Indian	OW	P
2-16D-45 BTR	16	040S	050W	4301350899	18619	Indian	Indian	OW	P
16-10D-45 BTR	10	040S	050W	4301350902	18725	Indian	Indian	OW	P
5-2D-36 BTR	2	030S	060W	4301350913	18886	Indian	Fee	OW	P
13H-27-36 BTR	27	030S	060W	4301350918	18445	Indian	State	OW	P
8-16D-46 BTR	16	040S	060W	4301350953	19027	Indian	Indian	OW	P
16-16D-46 BTR	16	040S	060W	4301350956	19028	Indian	Indian	OW	P
16-9D-45 BTR	9	040S	050W	4301350962	18662	Indian	Indian	OW	P
14-31D-36 BTR	31	030S	060W	4301350973	18524	Indian	Fee	OW	P
5-10D-36 BTR	10	030S	060W	4301350978	18989	Indian	Fee	OW	P
1-32D-36 BTR	32	030S	060W	4301350979	18648	Indian	Fee	OW	P
16-12D-36 BTR	12	030S	060W	4301350980	18748	Indian	Fee	OW	P
2-18D-45 BTR	18	040S	050W	4301350991	18776	Indian	Indian	OW	P
3-1-46 BTR	1	040S	060W	4301351017	18777	Indian	Fee	OW	P
10-5-45 BTR	5	040S	050W	4301351062	18724	Indian	Indian	OW	P
12-4D-45 BTR	4	040S	050W	4301351063	18813	Indian	Indian	OW	P
1-10D-45 BTR	10	040S	050W	4301351064	18966	Indian	Indian	OW	P
16-2D-46 BTR	2	040S	060W	4301351079	18830	Indian	Indian	OW	P
9H-4-45 BTR	4	040S	050W	4301351092	18814	Indian	Indian	OW	P
12-17-45 BTR	17	040S	050W	4301351097	18984	Indian	Indian	OW	P
5-9D-46 BTR	9	040S	060W	4301351109	19313	Indian	Fee	OW	P
14-9D-36 BTR	9	030S	060W	4301351144	19004	Indian	Fee	OW	P
5-31D-36 BTR	31	030S	060W	4301351146	18691	Indian	Fee	OW	P
4-9D-45 BTR	9	040S	050W	4301351157	18883	Indian	Indian	OW	P
8-12D-46 BTR	12	040S	060W	4301351159	18911	Indian	Indian	OW	P
LC TRIBAL 16-23D-47	23	040S	070W	4301351180	18617	Indian	Indian	OW	P
14-7D-45 BTR	7	040S	050W	4301351222	18949	Indian	Indian	OW	P
5-16D-45 BTR	16	040S	050W	4301351223	18987	Indian	Indian	OW	P
4-5D-45 BTR	5	040S	050W	4301351242	18882	Indian	Indian	OW	P
LC TRIBAL 16H-19-45	19	040S	050W	4301351278	18627	Indian	Indian	OW	P
LC TRIBAL 13-19D-45	19	040S	050W	4301351280	18628	Indian	Indian	OW	P
LC TRIBAL 5-30D-45	30	040S	050W	4301351281	19448	Indian	Indian	OW	P

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LC TRIBAL 15-24D-46	24	040S	060W	4301351283	18626	Indian	Indian	OW	P
LC TRIBAL 13H-24-46	19	040S	050W	4301351289	18629	Indian	Indian	OW	P
7-16-47 BTR	16	040S	070W	4301351296	18950	Indian	Fee	OW	P
14-18D-45 BTR	18	040S	050W	4301351313	19005	Indian	Indian	OW	P
LC TRIBAL 16-30D-46	30	040S	060W	4301351320	19006	Indian	Indian	OW	P
LC TRIBAL 5-20D-45	20	040S	050W	4301351331	19449	Indian	Indian	OW	P
11-8D-46 BTR	8	040S	060W	4301351336	19314	Indian	Indian	OW	P
5-7D-45 BTR	7	040S	050W	4301351350	18951	Indian	Indian	OW	P
7-5-35 BTR	5	030S	050W	4301351599	19078	Indian	Fee	OW	P
13-5D-35 BTR	5	030S	050W	4301351600	18996	Indian	Fee	OW	P
11-5D-35 BTR	5	030S	050W	4301351601	19061	Fee	Fee	OW	P
15-5D-35 BTR	5	030S	050W	4301351602	19062	Fee	Fee	OW	P
9-5D-35 BTR	5	030S	050W	4301351609	19029	Indian	Fee	OW	P
3-5D-35 BTR	5	030S	050W	4301351638	19079	Indian	Fee	OW	P
7-8-46 BTR	8	040S	060W	4301351702	19315	Indian	Indian	OW	P
7-30-46 DLB	30	040S	060W	4301351703	18997	Fee	Indian	OW	P
3-13D-46 BTR	13	040S	060W	4301351718	18881	Indian	Indian	OW	P
2-13D-46 BTR	13	040S	060W	4301351719	18885	Indian	Indian	OW	P
12-12D-46 BTR	12	040S	060W	4301351720	18867	Indian	Indian	OW	P
10-12D-46 BTR	12	040S	060W	4301351721	18856	Indian	Indian	OW	P
11-11D-47 BTR	11	040S	070W	4301352091	19633	Fee	Fee	OW	P
7-12D-47 BTR	12	040S	070W	4301352094	19600	Indian	Fee	OW	P
5-12D-47 BTR	12	040S	070W	4301352095	19634	Indian	Fee	OW	P
14-33D-35 BTR	33	030S	050W	4301352162	19450	Indian	Fee	OW	P
16-33D-35 BTR	33	030S	050W	4301352163	19451	Indian	Fee	OW	P
14-22-46 DLB	22	040S	060W	4301333660	17604	Indian	Indian	D	PA
13H-31-36 BTR	31	030S	060W	4301350465	18485	Indian	Fee	OW	PA
16X-23D-36 BTR	23	030S	060W	4301350623	18007	Indian	State	OW	PA
8-6-45 BTR	6	040S	050W	4301350900	18561	Indian	Indian	OW	PA
13-13-36 BTR	13	030S	060W	4301350919	18364	Indian	Fee	OW	PA
7-28-46 DLB	28	040S	060W	4301333569	16460	Indian	Indian	OW	S
5-21-36 BTR	21	030S	060W	4301333641	16674	Indian	Fee	GW	S
13-26-36 BTR	26	030S	060W	4301333980	17569	Indian	Fee	OW	S
14-1-46 BTR	1	040S	060W	4301334113	18516	Indian	Indian	OW	S
16-21-36 BTR	21	030S	060W	4301334130	17721	Indian	Fee	OW	S
14-21-36 BTR	21	030S	060W	4301334131	18006	Indian	Fee	OW	S
7-16-36 BTR	16	030S	060W	4301334133	17834	Indian	Fee	OW	S
1-30-36 BTR	30	030S	060W	4301334134	17905	Indian	Fee	OW	S
16-30-36 BTR	30	030S	060W	4301334135	18005	Indian	Fee	OW	S
3-23-36 BTR	23	030S	060W	4301334137	17860	Indian	Fee	OW	S
16-16-36 BTR	16	030S	060W	4301334138	17666	Indian	Fee	OW	S

From: Bill Barrett Corporation
To: Rig II, LLC
Effective 11/1/2016

4-26-36 BTR	26	030S	060W	4301334139	17620	Fee	Fee	OW	S
9-11-36 BTR	11	030S	060W	4301334276	17451	Indian	Fee	OW	S
3-36-36 BTR	36	030S	060W	4301350398	17955	Indian	Fee	OW	S
7-10-36 BTR	10	030S	060W	4301350437	18052	Indian	Fee	OW	S
16-12D-46 BTR	12	040S	060W	4301350467	18051	Indian	Indian	OW	S
13H-13-46 BTR	13	040S	060W	4301350468	18208	Indian	Indian	OW	S
13-12-46 BTR	12	040S	060W	4301350469	18233	Indian	Indian	OW	S
14-8D-36 BTR	8	030S	060W	4301350612	18163	Indian	Fee	OW	S
14-7D-36 BTR	7	030S	060W	4301350613	18330	Indian	Fee	OW	S
16-9-36 BTR	9	030S	060W	4301350645	18078	Indian	Fee	OW	S
7-27-37 BTR	27	030S	070W	4301350647	18090	Indian	Fee	OW	S
16-12D-37 BTR	12	030S	070W	4301350785	18446	Indian	Fee	OW	S
14-21D-37 BTR	21	030S	070W	4301350859	18548	Indian	Fee	OW	S
10-18D-36 BTR	18	030S	060W	4301350915	18884	Indian	Fee	OW	S
5-27D-36	27	030S	060W	4301350917	18482	Indian	State	OW	S
10-36D-36 BTR	36	030S	060W	4301351005	18523	Indian	Fee	OW	S
14-6D-45 BTR	6	040S	050W	4301351158	18967	Indian	Indian	OW	S
5H-1-46 BTR UTELAND BUTTE	6	040S	050W	4301351215	18728	Indian	Indian	OW	S
5H-1-46 BTR WASATCH	6	040S	050W	4301351216	18727	Indian	Indian	OW	S
1-25D-36 BTR	25	030S	060W	4301351294	18798	Indian	Fee	OW	S
5-5D-35 BTR	5	030S	050W	4301351605	19055	Indian	Fee	OW	S
16-23-36 BTR	23	030S	060W	4301333971	17182	Indian	Fee	OW	TA
LC TRIBAL 14-23D-47	23	040S	070W	4301334022	18616	Indian	Indian	OW	TA
5-32D-36 BTR	32	030S	060W	4301350756	18328	Indian	Fee	OW	TA

Bill Barrett Corporation

October 20, 2016

RECEIVED
OCT 21 2016
DIV. OF OIL, GAS & MINING

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

Attached please find the change of operation Form 9, Form 5's and Request to Transfer APD formchanging the operator from Bill Barrett Corporation to RIG II, LLC, effective 11/1/2016. Badlands Energy – Utah, LLC will be a sub-operator.

New Operator Contact information:
RIG II, LLC
1582 West 2600 South
Woods Cross, Utah 84087-0298
Telephone:(801) 683-4245
Fax:(801) 298-9889

Upon reviewing the attached, please contact myself with any questions at 303-312-8115.

Sincerely,

Bill Barrett Corporation

Brady Riley

Brady Riley
Permit Analyst

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: (see attached well list)
2. NAME OF OPERATOR: RIG II, LLC N4055	9. API NUMBER:
3. ADDRESS OF OPERATOR: 1582 West 2600 South CITY Wood Cross STATE UT ZIP 84087 / PHONE NUMBER: (801) 683-4245	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL — FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit In Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 11/1/2016	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

RIG II, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO Rig II, LLC BY BILL BILL BARRETT CORPORATION EFFECTIVE 11/1/2016. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

RIG II, LLC
1582 West 2600 South
Woods Cross, Utah 84087-0298
801-683-4245
(STATE/FEE BOND # 9219529/ BLM BOND # UTB000712/ BIA BOND # LPM9224670)

BILL BARRETT CORPORATION N2165

Duane Zavadil NAME (PLEASE PRINT)

SIGNATURE

Senior Vice President - EH&S, Government and Regulatory Affairs

RIG II, LLC

Jesse McSwain NAME (PLEASE PRINT)

SIGNATURE

Manager

NAME (PLEASE PRINT) Jesse McSwain TITLE Manager

SIGNATURE DATE 10/20/16

(This space for State use only)

APPROVED

NOV 07 2016

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	(See attached list)
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Bill Barrett Corporation
Date original permit was issued:	
Company that permit was issued to:	Bill Barrett Corporation

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
✓	**Transfer approved Application for Permit to Drill to new operator**
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	**Yes**	**No**
If located on private land, has the ownership changed?	✓	
If so, has the surface agreement been updated?		✓
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. 9219529-UDOGM / UTB000712-BLM / LPM9224670-BIA	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Jesse McSwain Title Manager

Signature Jesse McSwain Date 10/20/16

Representing (company name) RIG II, LLC

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
6-32-36 BTR SWD	4301350921
Location of Well	Field or Unit Name
Footage : 1628 FNL 1553 FWL County : DUCHENSE	CEDAR RIM
QQ, Section, Township, Range: SENW 32 3S 6W State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

Company: BILL BARRETT CORPORATION
Address: 1099 18th Street Ste 2300
city DENVER state CO zip 80202
Phone: (303) 293-9100
Comments:

Name: Duane Zavadil
Signature:
Title: Senior Vice President - EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

Company: RIG II, LLC
Address: 1582 West 2600 South
city Wood Cross state UT zip 84087
Phone: (801) 683-4245
Comments:

Name: Jesse McSwain
Signature:
Title: Manager
Date: 10/20/16

(This space for State use only)

Transfer approved by:
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
16-6D-46 BTR SWD	4301350781
Location of Well	Field or Unit Name
Footage : 0200 FSL 0099 FEL County : DUCHESNE	ALTAMONT
QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

Company: BILL BARRETT CORPORATION
Address: 1099 18th Street Ste 2300
city DENVER state CO zip 80202
Phone: (303) 293-9100
Comments:

Name: Duane Zavadil
Signature: [signature]
Title: Senior Vice President - EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

Company: RIG II, LLC
Address: 1582 West 2600 South
city Wood Cross state UT zip 84087
Phone: (801) 683-4245
Comments:

Name: Jesse McSwain
Signature: [signature]
Title: Manager
Date: 10/20/16

(This space for State use only)

Transfer approved by: [signature]
Title: UIC

Approval Date: 11/3/16

Comments:

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
SWD 9-36 BTR	4301350646
Location of Well	Field or Unit Name
Footage : 0539 FSL 0704 FEL County : DUCHESNE	CEDAR RIM
QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

Company: BILL BARRETT CORPORATION
Address: 1099 18th Street Ste 2300
city DENVER state CO zip 80202
Phone: (303) 293-9100
Comments:

Name: Duane Zavadil
Signature: [signature]
Title: Senior Vice President - EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

Company: RIG II, LLC
Address: 1582 West 2600 South
city Wood Cross state UT zip 84087
Phone: (801) 683-4245
Comments:

Name: Jesse McSwain
Signature: [signature]
Title: Manager
Date: 10/20/16

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments: This well was approved by USEPA. EPA approval will be required.

(5/2000)